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Census of Maine Manufactures, 1987

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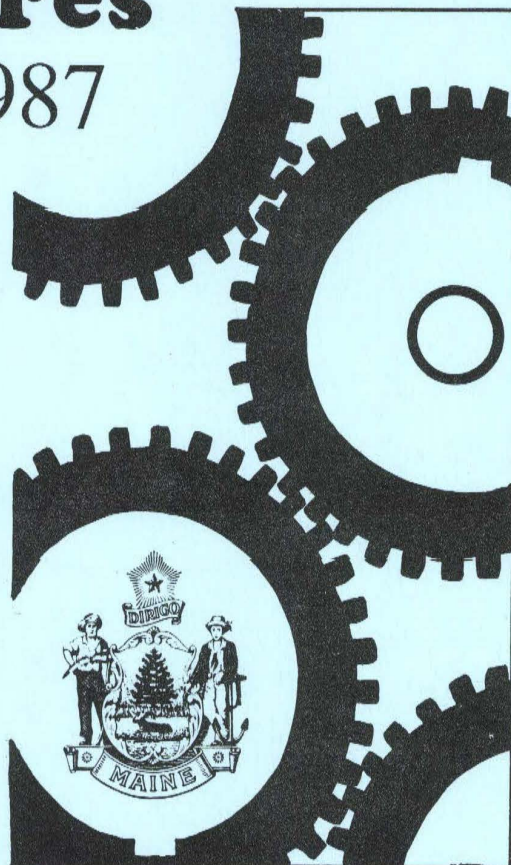
MAINE DEPARTMENT OF

LABOR

BUREAU OF LABOR STANDARDS

Research and Statistics Division

Census of Maine Manufactures 1987



John R. McKernan, Jr.
Governor



John Fitzsimmons
Commissioner

James H. McGowan
Director

DEPARTMENT OF LABOR
Bureau of Labor Standards
Research & Statistics Division

A U T H O R I Z A T I O N

Maine Revised Statutes 1964, Title 26, §§ 42, 43, 46: "The Bureau shall collect, assort and arrange statistical details relating to industrial pursuits in the State. He (the Director) may cause to be printed and distributed bulletins that shall be of public interest and benefit to the State."

C O V E R A G E

This survey, insofar as possible, is of universal coverage for Maine manufacturing establishments ranging from the single proprietorships to the largest corporations. Reports covering 2,615 establishments were received since the original mailing in November of 1988. Of these, 191 either did not operate or went out of business during 1987. Final tabulations, according to major breakdown, will appear as usual in the next Census. These tabulations will include any late reports which are not included in this Census.

Taking into consideration the nature of the Maine economy and the extent of coverage in this survey, the data contained in the Census of Maine Manufactures 1987 represent a comprehensive and valid statistical analysis of the Maine manufacturing economy.

James H. McGowan
Director
Bureau of Labor Standards

C E N S U S O F M A I N E M A N U F A C T U R E S - 1987

BLS Bulletin 619

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CENSUS OF MAINE MANUFACTURES

1987

The Research and Statistics Division of the Bureau of Labor Standards gratefully appreciates the contributions made by others toward this publication.

Thanks are due:

To Maine's manufacturing businesses for their cooperation in the collection of Census data, which makes this publication possible;

To the staff of the Bureau of Employment Security's Division of Economic Analysis and Research for their cooperation in providing the employment and wage data herein.

Prepared by:

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CENSUS OF MAINE MANUFACTURES
1987

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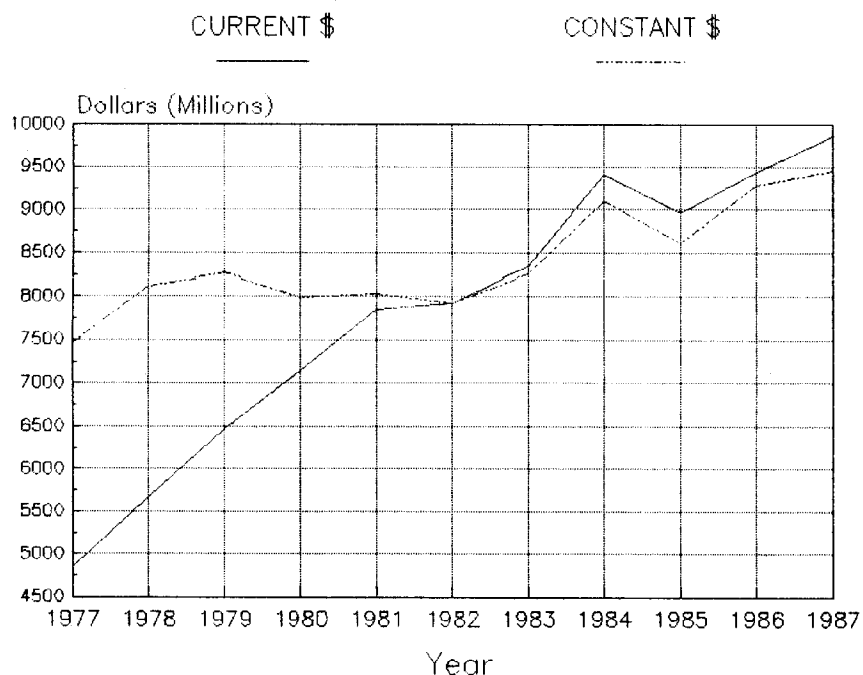
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Maine Production Value

Maine's gross value of product continued upward in 1987 for the second straight year, rising by 4.5 percent to \$9,870.1 million. In terms of constant dollars (using the Producer Price Index as a deflator), the value of Maine manufactures rose by 4.0 percent. (See Appendix F.)

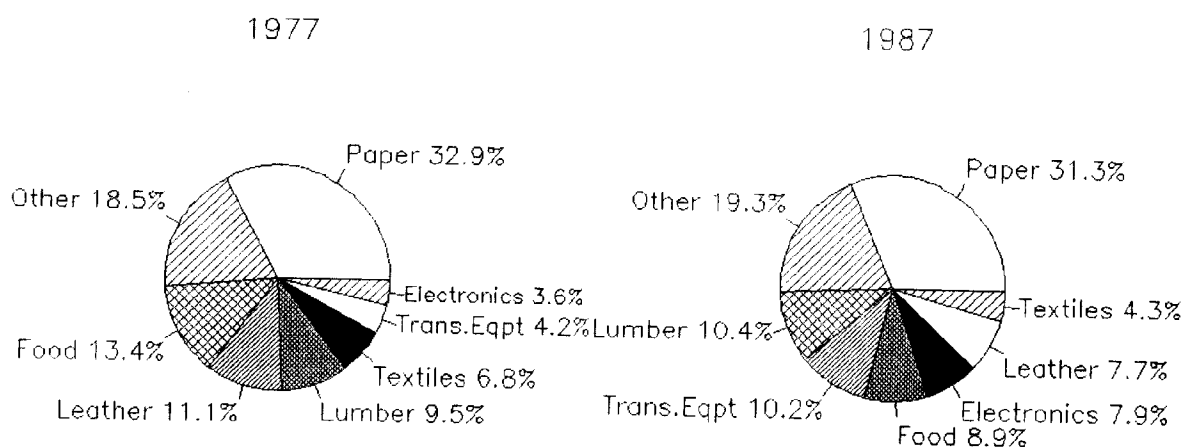
Figure 1. Value of Manufacturing Product
in Current and Constant Dollars
Maine 1977-1987



The value of product for Durable and Nondurable Goods rose 9.3 percent and 1.8 percent respectively.

The Paper industry, which consistently dominates the state's value of product, had a 33.1 percent (\$3,093.1 million) share of the manufacturing value in 1987, increasing 0.2 percent.

Figure 2. Value of Manufacturing Product, Percentage
by Major Industry Group
Maine 1977 & 1987



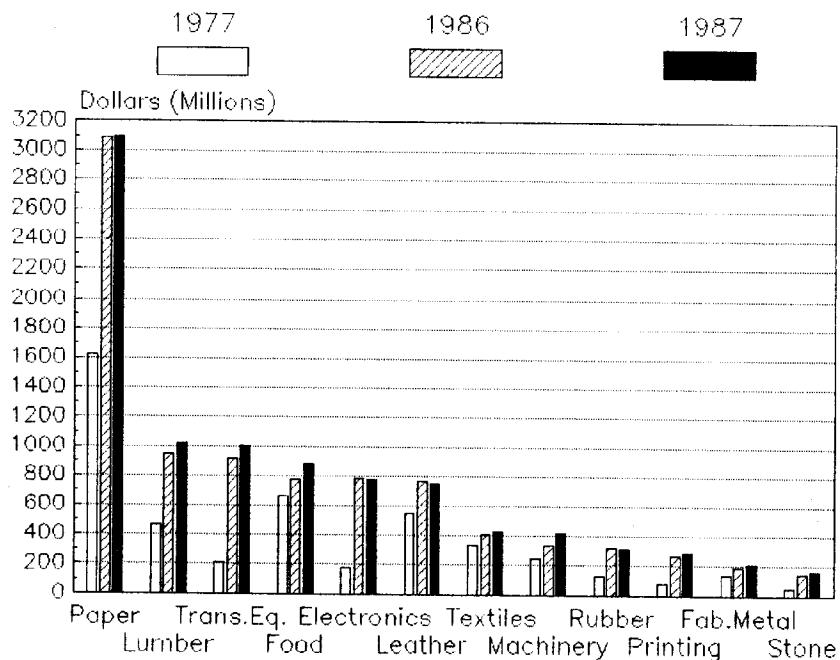
The Lumber & Wood Products group remained in the second position with a 10.4 percent (\$1,027.2 million) share. The Transportation Equipment group remained in the third spot with 10.1 percent (\$1,005.3 million) of the manufacturing value of product.

The Petroleum & Coal Products group and the Furniture group experienced the largest percent increase in 1987, 77.6 percent (\$61.9 million) and 34.4 percent (\$72.4 million) respectively.

The Apparel group and the Primary Metals group suffered the most significant drops in manufacturing value of product, falling 26.2 percent and 10.2 percent respectively.

Figure 3.

Value of Manufacturing Product
by Major Industry Group
Maine 1977, 1986 & 1987



Manufacturing Employment

Employment in Maine manufacturing increased overall by 0.8 percent, to 104,356 workers in 1987.

The Paper industry, once again, held the top spot with 16.2 percent of the overall employment; however, employment in the Paper industry dropped by 3.2 percent from 1986 figures.

The Lumber & Wood Products industry employed 13,785 workers in 1987, an increase of 2.2 percent.

Figure 4.

Manufacturing Employment Maine 1977-1987



Figure 5.

Manufacturing Employment, Percentage by Major Industry Group Maine 1977 & 1987

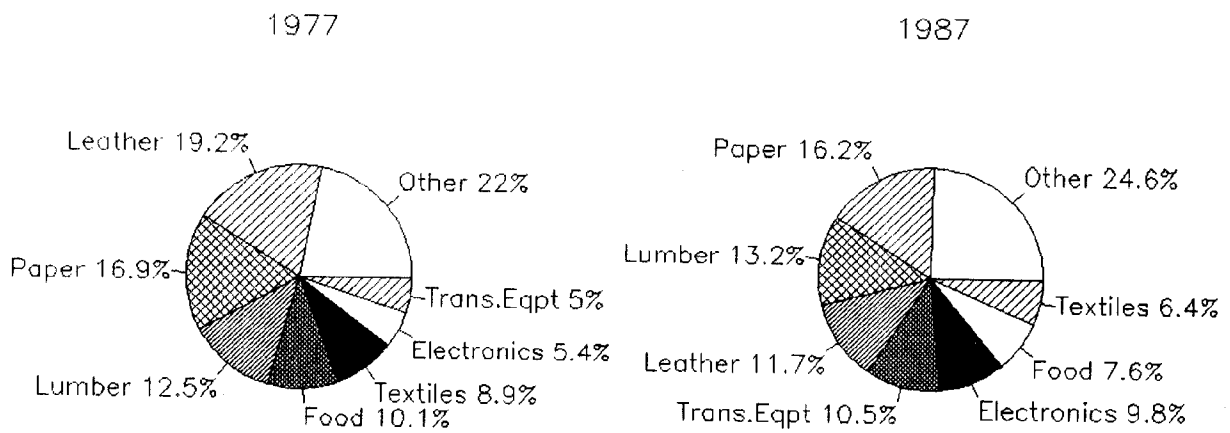
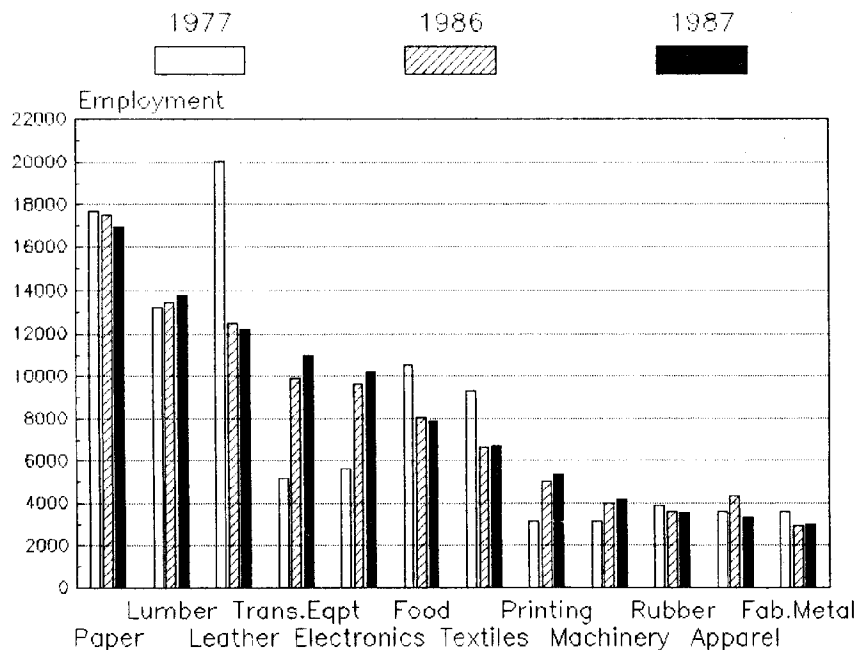


Figure 6.

Manufacturing Employment
by Major Industry Group
Maine 1977, 1986 & 1987



Employment by males increased 0.3 percent in 1987, while employment by females increased by 1.7 percent. The proportion of females in the manufacturing workforce increased 0.3 percent, from 32.8 percent to 33.1 percent in 1986.

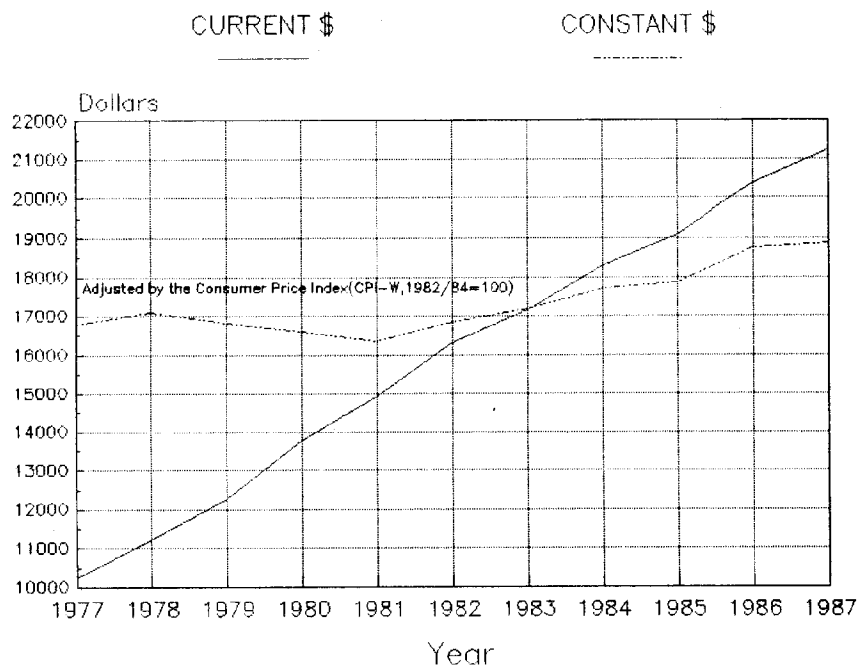
Union Coverage

The number of unionized manufacturing workers in Maine dropped once again to 27,926 employees. This sharp drop of 9.2 percent over 1986 figures was due primarily to disruptions in the Paper and Textile industries in 1987.

Average Wages

The average yearly wage in Maine increased \$848.00 or 4.2 percent, to \$21,232.00 in 1987. By comparison, the annual average of the Consumer Price Index rose 3.9 percent from 1986 to 1987. (See Appendix F.) As a result, Maine manufacturing workers had a 0.3 percent increase in buying power.

Figure 11. Average Manufacturing Wages
in Current and Constant Dollars
Maine 1977-1987



The Paper industry paid out the highest reported average wages, \$33,845.00, which was 159.4 percent of the Maine manufacturing average for 1987.

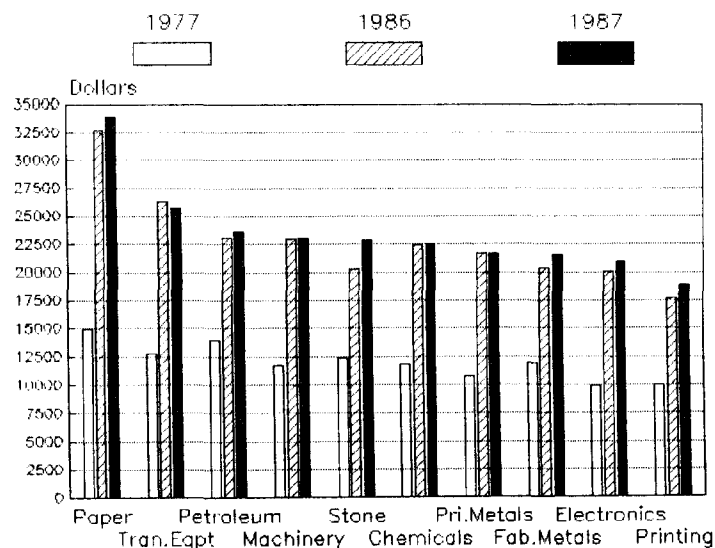
The highest dollar increase in average wages for the year was in the Stone, Clay, and Glass industry which jumped \$2,602.00 or 12.1 percent over 1986 figures.

The lowest reported average wages for 1987 were in the Apparel industry, which paid out an average of \$12,746.00 or 60.0 percent over 1986 figures.

Other sizable gains in average wages in 1987 were reported in the Lumber & Wood industry, Fabricated Metals industry, and the Paper industry, with \$1,213.00 (7.5 percent), \$1,187.00 (5.8 percent), and \$1,166.00 (3.6 percent) increases respectively.

The only industry to suffer a drop in average wages was the Transportation Equipment group, which dropped \$505.00 or 1.9 percent.

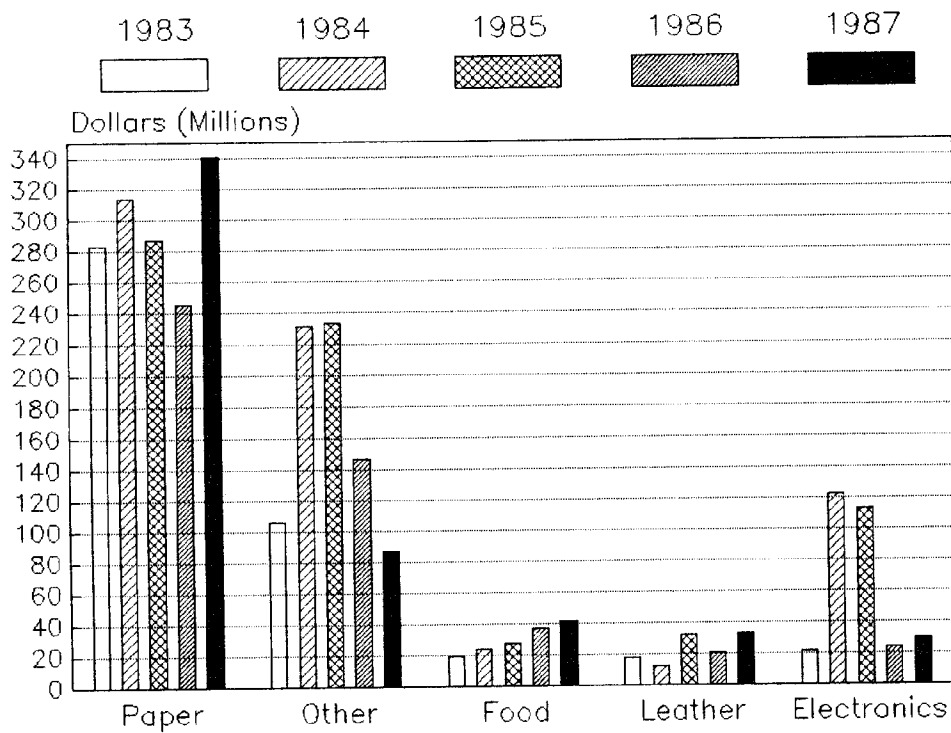
Figure 12. Average Manufacturing Wages
by Major Industry Group
Maine 1977, 1986 & 1987



Foreign Imports

Imports used in the manufacturing process increased by 23.8 percent, to \$531.5 million in 1987, after a drop in 1986. This increase was due mainly to the Paper group which increased 39.1 percent (\$95.1 million). The Paper Industry also had the largest share of expenditures for imports for 1987, 64.2 percent.

Figure 15. Imports Used in Manufacturing
by Major Industry Group
Maine 1983-1987



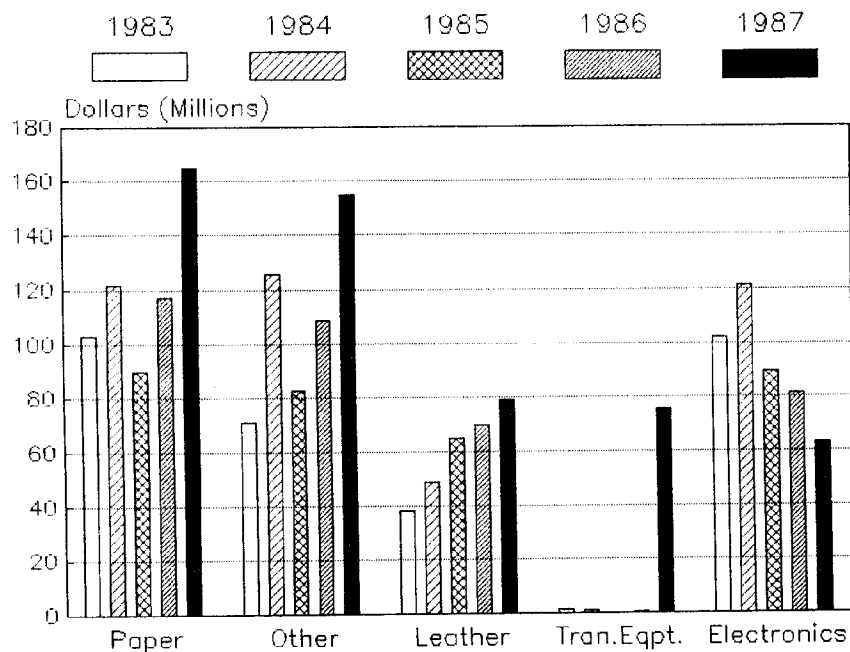
Foreign Exports

Exports to other countries by Maine manufacturers amounted to \$537.6 million in 1987, an increase of 33.1 percent from \$403.9 million in 1986. This change was due mainly to the Transportation Equipment group which exported \$75.8 million, an increase of \$75.3 million, and the Paper industry which exported \$165.0 million, or 40.4 percent over 1986.

The most significant decreases in exports occurred in the Primary Metals group and the Electric and Electronic group, which fell 74.2 percent (to \$3.5 million) and 22.3 percent (to \$63.2 million), respectively.

Figure 16.

Manufacturing Exports by Major Industry Group Maine 1983-1987



Value of Manufacturing Product by County Group

For 1987, the I-95 Corridor remained the top producing area (see Table 4). Again it contained the only three counties in Maine which each recorded over one billion dollars in manufacturing product: Cumberland (\$1.54 billion), Penobscot (\$1.31 billion), and York (\$1.24 billion).

Following the I-95 Corridor was the Western group of counties, which totaled \$1.88 billion.

The Eastern area had the highest percent increase in value of product, 10.5 percent for 1987.

The Midcoast area had the highest percent change from 1982, 39.9 percent.

Figure 17. Value of Manufacturing Product
by County Group
Maine 1977, 1986 & 1987

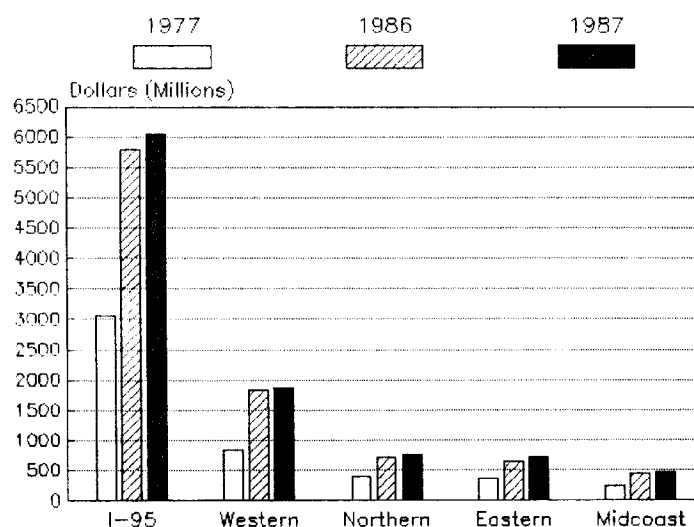


Figure 18. Value of Manufacturing Product Index
by County Group
Maine 1977-1987

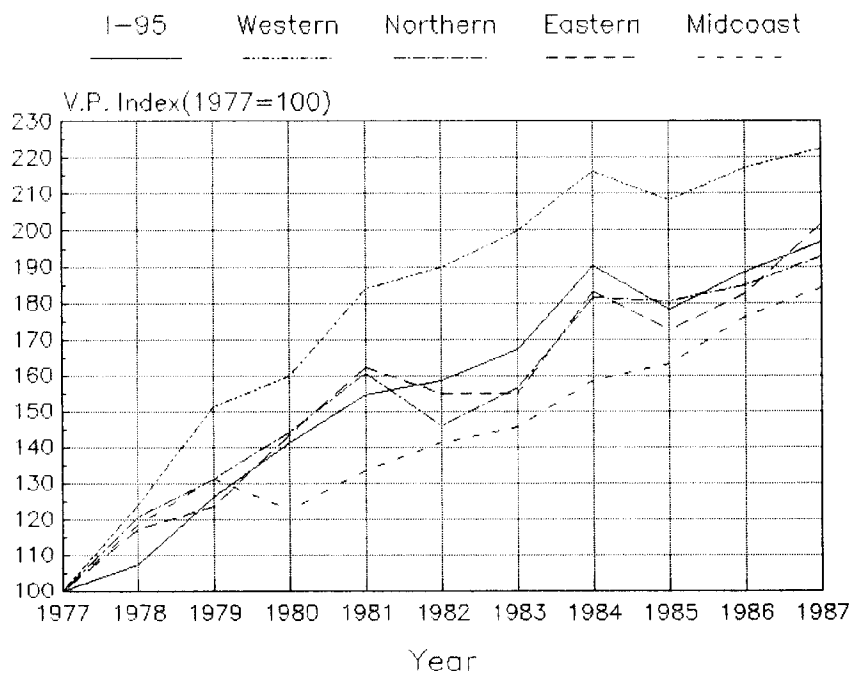


Figure 19. Regional Contribution to the Change in
Value of Manufacturing Product by County Group
Maine 1977-1987 and 1986-1987

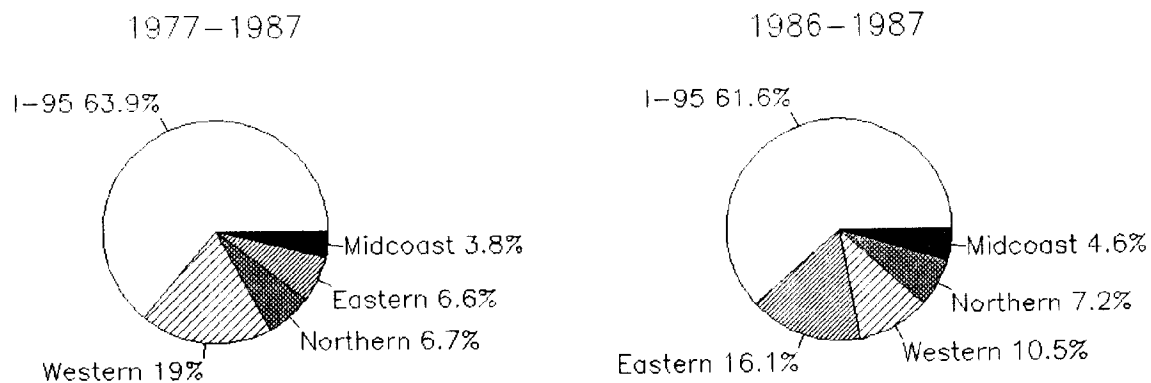


TABLE 1

CENSUS OF MAINE MANUFACTURES BY INDUSTRY, 1987

INDUSTRY	NUMBER REPORTING	VALUE OF PRODUCT			EMPLOYMENT			UNIONIZED WORKERS	WAGES	
		\$	PERCENT CHANGE		TOTAL	MALE	FEMALE		GROSS	AVERAGE
			1982	1986						
TOTAL	2,615	9,870,052,161	24.5	4.5	104,356	69,819	34,537	27,926	\$ 2,215,748,833	\$ 21,233
DURABLE GOODS	1,683	3,749,092,070	54.5	9.3	46,423	33,987	12,436	9,982	985,275,310	21,224
Lumber & Wood Products (24)	1,037	1,027,223,677	59.9	8.1	13,785	11,199	2,586	2,092	241,048,426	17,486
Furniture (25)	48	72,423,311	88.9	34.4	1,242	915	327	57	22,536,890	18,146
Stone, Clay, & Glass (32)	89	160,752,691	153.3	11.9	1,820	1,580	240	18	41,621,141	22,869
Primary Metals (33)	11	36,320,638	103.3	-10.2	624	505	119	351	13,513,629	21,656
Fabricated Metals (34)	114	215,909,169	-1.3	14.3	2,967	2,275	692	806	64,056,260	21,590
Nonelectric Machinery (35)	177	416,891,631	64.8	23.6	4,156	3,359	797	130	95,913,892	23,078
Electric & Electronic Eqpt. (36)	61	774,941,734	66.5	0.8	10,188	4,540	5,648	335	213,140,740	20,921
Transportation Equipment (37)	123	1,005,317,476	44.1	9.9	10,979	9,349	1,630	6,193	283,180,057	25,793
Precision Instruments (38)	23	39,311,743	30.3	17.1	662	265	397	0	10,264,275	15,505
NONDURABLE GOODS	932	6,120,960,091	11.3	1.8	57,933	35,832	22,101	17,944	1,230,473,523	21,240
Food (20)	199	881,537,029	22.6	15.7	7,870	4,938	2,932	2,210	126,003,049	16,011
Textiles (22)	70	425,031,952	32.1	-3.5	6,686	4,052	2,634	1,536	114,805,949	17,171
Apparel (23)	66	133,743,955	-34.5	-26.2	3,344	810	2,534	1,244	42,621,074	12,746
Paper (26)	43	3,093,101,191	14.0	0.2	16,934	14,463	2,471	11,499	573,138,131	33,845
Printing & Publishing (27)	311	282,327,705	74.0	6.8	5,319	2,944	2,375	1,107	100,348,577	18,866
Chemicals (28)	36	133,073,722	21.0	12.6	940	573	367	55	21,227,677	22,583
Petroleum & Coal Products (29)	8	61,970,884	200.2	77.6	190	178	12	107	4,488,649	23,624
Rubber & Plastics (30)	44	312,217,615	13.4	-1.6	3,545	2,114	1,431	0	66,242,808	18,686
Leather (31)	77	754,755,762	-20.8	-2.2	12,244	5,361	6,883	186	169,911,431	13,877
Miscellaneous (39)	78	43,200,276	131.6	10.1	861	399	462	0	11,686,178	13,573

TABLE 2

MAINE CAPITAL EXPENDITURES & FOREIGN EXPORTS BY MAJOR INDUSTRY, 1987

INDUSTRY	PLANT MODERNIZATION & EQUIPMENT						FOREIGN EXPORTS	
	TOTAL	NEW STRUCTURES	EXISTING STRUCTURES	EQUIPMENT	PLANNED		IMPORTS	EXPORTS
					1989	1990		
TOTAL	\$600,124,180	\$ 63,531,249	\$ 3,633,873	\$ 532,959,058	\$703,682,242	\$752,393,083	\$531,516,583	\$537,581,496
DURABLE GOODS	151,388,311	23,342,527	1,512,636	126,533,148	150,470,088	138,749,744	67,942,817	243,758,601
Lumber & Wood Products (24)	52,877,879	7,944,657	620,363	44,312,859	53,965,103	34,488,136	9,377,182	56,851,202
Furniture (25)	3,322,918	1,601,433	204,000	1,517,485	5,112,300	3,319,303	218,000	867,137
Stone, Clay, & Glass (32)	11,863,150	2,049,577	23,000	9,790,573	11,029,449	5,079,820	2,305,739	1,126,974
Primary Metals (33)	1,592,966	69,112	0	1,523,854	1,357,304	1,720,200	175,000	3,505,498
Fabricated Metals (34)	6,337,719	1,303,441	0	5,034,278	4,581,484	7,060,685	3,904,340	6,117,894
Nonelectric Machinery (35)	11,994,714	2,781,684	420,773	8,792,257	18,898,932	15,861,600	21,807,614	32,122,687
Electric & Electronic Eqpt. (36)	29,986,602	2,351,930	67,500	27,567,172	34,636,487	34,473,900	29,446,342	63,213,793
Transportation Equipment (37)	32,437,632	4,934,060	177,000	27,326,572	20,540,779	35,876,300	565,600	75,759,224
Precision Instruments (38)	974,731	306,633	0	668,098	348,250	869,800	143,000	4,194,192
NONDURABLE GOODS	448,735,869	40,188,722	2,121,237	406,425,910	553,212,154	613,643,339	463,573,766	293,822,895
Food (20)	30,110,031	13,400,553	1,221,042	15,488,436	20,778,099	19,017,850	41,548,407	6,702,677
Textiles (22)	15,306,409	3,946,582	0	11,359,827	13,979,427	9,261,630	20,288,922	4,723,936
Apparel (23)	1,599,769	443,879	155,726	1,000,164	1,474,327	1,621,500	4,975,558	438,186
Paper (26)	367,423,289	17,303,216	0	350,120,073	464,044,059	511,698,300	341,166,165	165,028,666
Printing & Publishing (27)	13,219,523	1,977,358	77,500	11,164,665	25,344,836	51,814,986	2,333,106	1,285,904
Chemicals (28)	4,936,189	308,257	60,000	4,567,932	7,937,226	4,183,029	13,994,020	23,540,215
Petroleum & Coal Products (29)	3,227,361	506,552	0	2,720,809	3,402,654	800,000	68,300	0
Rubber & Plastics (30)	7,194,620	945,729	0	6,248,891	8,681,932	8,921,144	6,149,705	11,862,113
Leather (31)	4,469,401	1,053,810	500,000	2,915,591	6,013,849	5,658,400	32,653,432	78,945,584
Miscellaneous (39)	1,249,277	302,786	106,969	839,522	1,555,745	666,500	396,151	1,295,614

Table 3

CENSUS OF MAINE MANUFACTURES
BY MAJOR INDUSTRY & INDUSTRIAL GROUPS, 1987

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>TOTAL MANUFACTURING</u>	\$ 9,870,052,161	\$2,215,748,833	\$ 21,232	104,356	69,819	34,537
<u>DURABLE GOODS TOTAL</u>	3,749,092,070	985,281,583	21,223	46,424	33,988	12,436
<u>24 LUMBER & WOOD PRODUCTS</u>	1,027,223,677	241,048,426	17,486	13,785	11,199	2,586
241 Logging Camps & Contractors	401,462,545	74,558,493	18,256	4,084	3,799	285
2411 Logging camps & contractors	401,462,545	74,558,493	18,256	4,084	3,799	285
242 Sawmills & Planing Mills	293,487,595	68,464,817	19,645	3,485	3,156	329
2421 Sawmills & planing mills, gen.	276,968,984	63,579,676	20,044	3,172	2,902	270
2426 Hardwood & flooring mills	16,157,739	4,793,967	15,821	303	245	58
2429 Special product sawmills, NEC	360,872	91,174	9,117	10	9	1
243 Millwork & Cabinets	60,079,040	18,602,758	17,852	1,042	843	199
2431 Millwork	18,142,714	5,586,661	17,963	311	255	56
2434 Wood Kitchen Cabinets	6,607,406	2,025,299	14,891	136	124	12
244 Wood Containers	12,492,394	3,739,857	12,302	304	247	57
2449 Wood containers, NEC	4,017,241	1,426,523	12,089	118	82	36
245 Wood Buildings & Mobile Homes	70,805,706	11,700,205	18,055	648	564	84
2451 Mobile homes	29,074,802	5,053,041	15,940	317	284	33
2452 Prefabricated wood buildings	41,730,904	6,647,164	20,082	331	280	51
249 Miscellaneous Wood Products	188,896,397	63,982,296	15,154	4,222	2,590	1,632
2492 Particleboard	40,470,119	8,457,572	22,613	374	340	34
2499 Wood products, NEC	138,406,236	54,847,189	14,414	3,805	2,209	1,596
<u>25 FURNITURE AND FIXTURES</u>	72,423,311	22,536,890	18,145	1,242	915	327
<u>32 STONE, CLAY, GLASS & CONCRETE</u>	160,752,691	41,621,141	22,868	1,820	1,580	240
326 Pottery & Related Products	3,132,635	902,695	8,849	102	36	66
3269 Pottery Products, NEC	3,132,635	902,695	8,849	102	36	66
327 Concrete, Gypsum, & Plaster Prod.	90,657,763	26,646,141	23,130	1,152	1,052	100
3272 Concrete products, NEC	30,865,138	7,404,335	19,485	380	349	31
3273 Ready-mixed concrete	49,855,572	13,629,477	26,882	507	467	40
328 Cut Stone & Stone Products	754,453	229,596	14,349	16	11	5
3281 Cut stone & stone products	754,453	229,596	14,349	16	11	5
329 Nonmetallic Mineral Products, NEC	1,892,320	396,346	15,244	26	21	5
<u>33 PRIMARY METALS</u>	36,320,638	13,513,629	21,656	624	505	119
<u>34 FABRICATED METALS</u>	215,909,169	64,056,260	21,589	2,967	2,275	692
342 Cutlery, Hand Tools & Gen. Hdwre.	8,350,717	3,256,762	18,296	178	160	18
3423 Hand & edge tools	6,675,639	2,944,851	18,638	158	143	15
3429 Hardware, NEC	1,675,078	311,911	15,595	20	17	3
344 Structural Metal Products	81,291,168	20,623,978	21,087	978	829	149
3441 Structural metal	33,415,536	8,840,597	21,509	411	372	39
3443 Fabricated plate work	14,483,808	4,028,033	23,017	175	159	16
3444 Sheet metal work	25,840,003	6,216,099	19,364	321	241	80
3446 Architectural Metal Works	1,560,985	263,587	17,572	15	13	2
346 Metal Forgings & Stampings	5,585,987	1,979,966	20,624	96	74	22
349 Fabricated Metal Products, NEC	44,306,089	12,779,903	20,916	611	397	214
3496 Wire products, NEC	4,308,066	1,705,876	12,543	136	78	58

Table 3 (Continued) CENSUS OF MAINE MANUFACTURES
BY MAJOR INDUSTRY & INDUSTRIAL GROUPS, 1987

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>DURABLE GOODS (Continued)</u>						
35 <u>NONELECTRICAL MACHINERY</u>	\$ 416,891,631	\$ 95,913,892	\$ 23,078	4,156	3,359	797
352 Farm & Garden Machinery & Eqpt.	1,517,382	442,084	13,815	32	28	4
353 Construction & Related Machinery	64,360,473	9,625,295	20,094	479	434	45
354 Metalworking Machinery	40,844,037	13,697,916	22,455	610	510	100
3544 Special dies & tools	11,634,345	6,313,238	26,864	235	211	24
355 Special Industry Machinery	33,945,664	12,224,254	23,553	519	385	134
3559 Special industry machinery, NEC	23,204,676	8,558,611	23,320	367	259	108
356 Gen. Industrial Machinery & Eqpt.	42,422,768	13,668,583	25,789	530	410	120
358 Refrigeration & Service Machinery	11,527,690	2,823,045	21,884	129	102	27
359 Miscellaneous	59,532,934	22,300,368	23,326	956	853	103
3599 Nonelectrical machinery, NEC	59,532,934	22,300,368	23,326	956	853	103
36 <u>ELECTRIC & ELECTRONIC EQUIPMENT</u>	774,941,734	213,140,740	20,920	10,188	4,540	5,648
361 Electric Trans. & Dist. Eqpt.	110,467,002	24,859,767	20,785	1,196	500	696
3613 Switchgear & switchboard app.	110,467,002	24,859,767	20,785	1,196	500	696
363 Household Appliances	29,161,065	11,169,693	17,842	626	372	254
366 Communication Equipment	89,151,723	19,005,569	19,101	995	624	371
3662 Radio & TV Communication Equip.	89,102,131	19,005,569	19,101	995	624	371
367 Electronic Components	476,223,257	139,421,218	21,949	6,352	2,711	3,641
3674 Semiconductors & rel. devices	230,847,291	76,146,810	26,897	2,831	1,434	1,397
37 <u>TRANSPORTATION EQUIPMENT</u>	1,005,317,476	283,180,057	25,792	10,979	9,349	1,630
371 Motor Vehicles & Motor Veh. Eqpt.	15,646,381	3,413,540	18,157	188	121	67
373 Ship & Boat Building & Repairing	639,413,226	223,220,795	26,086	8,557	7,518	1,039
38 <u>PRECISION INSTRUMENTS</u>	39,311,743	10,264,275	15,504	662	265	397
384 Surgical, Medical, & Dental Instruments & Supplies	7,816,539	3,769,594	13,909	271	68	203
<u>NONDURABLE GOODS TOTAL</u>						
	6,120,960,091	1,230,473,523	21,239	57,933	35,832	22,101
20 <u>FOOD</u>	881,537,029	126,003,049	16,010	7,870	4,938	2,932
201 Meat Products	118,541,886	17,440,602	15,366	1,135	698	437
2011 Meat packing plants	19,001,511	1,360,276	13,206	103	89	14
202 Dairy Products	128,734,109	13,610,253	19,115	712	532	180
203 Preserved Fruits & Vegetables	227,340,571	26,554,993	14,050	1,890	1,140	750
2037 Frozen fruits & vegetables	139,714,921	18,117,971	13,043	1,389	817	572
205 Bakery Products	134,904,157	26,046,605	19,628	1,327	977	350
2051 Perishable bakery products	134,904,157	26,046,605	19,628	1,327	977	350
208 Beverages	68,789,482	11,102,353	23,324	476	398	78
209 Miscellaneous	127,191,677	24,194,039	12,413	1,949	890	1,059
2091 Canned & cured seafood	61,386,631	12,832,669	11,676	1,099	416	683

**Table 3 (Continued) CENSUS OF MAINE MANUFACTURES
BY MAJOR INDUSTRY & INDUSTRIAL GROUPS, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>NONDURABLE GOODS (Continued)</u>						
<u>22 TEXTILES</u>	\$ 425,031,952	\$ 114,805,949	\$ 17,171	6,686	4,052	2,634
222 Weaving Mills, Synthetics	103,188,668	28,148,216	17,951	1,568	991	577
2221 Broad woven fabrics, synth.	103,188,668	28,148,216	17,951	1,568	991	577
223 Weaving & Finishing Mills, Wool	124,404,042	35,601,457	17,926	1,986	1,305	681
2231 Broad woven fabrics, wool	124,404,042	35,601,457	17,926	1,986	1,305	681
224 Narrow Fabrics	13,120,076	5,542,872	15,613	355	172	183
2241 Narrow Fabrics	13,120,076	5,542,872	15,613	355	172	183
225 Knitting Mills	37,610,274	6,172,698	16,460	375	154	221
228 Yarn & Thread Mills	44,742,154	19,659,565	15,983	1,230	692	538
229 Miscellaneous	85,528,750	12,965,370	17,785	729	498	231
2298 Cordage & twine	43,581,966	5,049,236	17,411	290	194	96
<u>23 APPAREL</u>	133,743,955	42,621,074	12,745	3,344	810	2,534
233 Women's Outerwear	4,164,924	2,037,494	10,780	189	21	168
236 Children's Outerwear	10,510,021	2,608,570	7,627	342	30	312
238 Misc. Apparel & Accessories	17,318,264	4,731,149	12,856	368	88	280
239 Fabricated Textile Products, NEC	45,465,030	11,775,075	14,447	815	376	439
2394 Canvas & related products	5,875,287	1,966,425	15,126	130	74	56
<u>26 PAPER</u>	3,093,101,191	573,138,131	33,845	16,934	14,463	2,471
261 Pulp Mills	473,904,964	58,044,345	34,083	1,703	1,450	253
2611 Pulp Mills	473,904,964	58,044,345	34,083	1,703	1,450	253
262 Paper Mills, Ex. Bldg. Pap. Mills	2,438,822,024	468,008,481	35,517	13,177	11,569	1,608
2621 Paper Mills, Except Building Paper Mills	2,438,822,024	468,008,481	35,517	13,177	11,569	1,608
264 Miscellaneous Converted Paper	98,103,623	31,973,367	22,838	1,400	914	486
266 Building Paper & Board Mills	3,093,101,191	573,138,131	33,845	16,934	14,463	2,471
<u>27 PRINTING & PUBLISHING</u>	282,327,705	100,348,577	18,866	5,319	2,944	2,375
271 Newspapers	102,007,330	51,633,117	19,418	2,659	1,436	1,223
2711 Newspapers, pub. & printing	102,007,330	51,633,117	19,418	2,659	1,436	1,223
272 Magazines & Periodicals	16,726,733	4,195,570	19,423	216	80	136
2721 Magazines	16,726,733	4,195,570	19,423	216	80	136
273 Books	10,474,491	4,519,773	17,794	254	105	149
274 Miscellaneous	468,677	90,366	10,040	9	4	5
2741 Publishing, miscellaneous	468,677	90,366	10,040	9	4	5
275 Commercial Printing	141,055,292	37,241,491	18,518	2,011	1,260	751
2752 Lithographic	102,198,252	25,369,501	18,750	1,353	849	504
279 Service Industries	2,313,179	1,002,129	17,278	58	19	39
2791 Typesetting	2,313,179	1,002,129	17,278	58	19	39
<u>28 CHEMICALS</u>	133,073,722	21,227,677	22,583	940	573	367
281 Industrial Inorganic Chemicals	41,962,926	4,416,459	25,093	176	156	20
283 Drugs	62,043,820	10,942,307	27,084	404	230	174
284 Cleaning Preparations, Etc.	12,556,099	2,609,610	16,945	154	56	98
287 Agricultural Chemicals	10,338,470	844,212	16,884	50	41	9

Table 3 (Continued) CENSUS OF MAINE MANUFACTURES
BY MAJOR INDUSTRY & INDUSTRIAL GROUPS, 1987

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>NONDURABLE GOODS</u> (Continued)						
<u>29 PETROLEUM & COAL PRODUCTS</u>	\$ 61,970,884	\$ 4,488,649	\$ 23,624	190	178	12
295 Paving & Roofing Materials	61,970,884	4,488,649	23,624	190	178	12
2951 Paving mixtures & blocks	61,970,884	4,488,649	23,624	190	178	12
<u>30 RUBBER & PLASTICS</u>	312,217,615	66,242,808	18,686	3,545	2,114	1,431
307 Plastic Products	255,484,230	52,340,086	19,102	2,740	1,668	1,072
3069 Fabricated rubber product NEC	11,125,729	3,475,900	22,425	155	93	62
3079 Miscellaneous plastic products	255,484,230	52,340,086	19,102	2,740	1,668	1,072
<u>31 LEATHER & LEATHER PRODUCTS</u>	754,755,762	169,911,431	13,877	12,244	5,361	6,883
311 Leather Tanning & Finishing	209,208,757	26,546,283	20,218	1,313	1,114	199
3111 Leather tanning & finishing	209,208,757	26,546,283	20,218	1,313	1,114	199
313 Boot & Shoe Cut Stock & Findings	21,620,825	8,288,908	14,567	569	267	302
3131 Boot & Shoe Cut Stock & Finds	21,620,825	8,288,908	14,567	569	267	302
314 Footwear, Except Rubber	517,707,787	131,440,867	13,174	9,977	3,911	6,066
3143 Men's footwear, ex. athletic	229,358,335	57,770,719	15,060	3,836	1,541	2,295
3144 Women's footwear, ex. athletic	159,315,975	38,993,686	11,550	3,376	1,289	2,087
<u>39 MISCELLANEOUS</u>	43,200,276	11,686,178	13,572	861	399	462
3911 Jewelry, Precious Metal	3,262,764	799,134	15,367	52	17	35
394 Toys & Sporting Goods	15,873,069	4,150,875	13,219	314	163	151
396 Costume Jewelry, Novelties, Misc.	2,888,732	1,013,117	10,030	101	37	64
399 Miscellaneous	7,761,532	2,116,548	18,730	113	81	32
3999 Miscellaneous mfg. industries	2,837,934	144,905	8,523	17	5	12

TABLE 4

CENSUS OF MAINE MANUFACTURES BY COUNTY, 1987

INDUSTRY	NUMBER REPORTING	VALUE OF PRODUCT			EMPLOYMENT			UNIONIZED WORKERS	WAGES	
		\$	PERCENT CHANGE		TOTAL	MALE	FEMALE		GROSS	AVERAGE
			1982	1986						
TOTAL	2,615	9,870,052,161	24.5	4.5	104,356	69,819	34,537	27,926	\$2,215,748,833	\$ 21,233
I-95 CORRIDOR	1,299	6,062,014,041	24.3	4.8	69,343	46,285	23,058	20,092	1,515,974,552	21,962
Androscoggin	207	687,053,867	15.8	-2.2	10,609	6,330	4,279	937	182,764,152	17,227
Cumberland	424	1,543,751,202	26.7	3.4	17,548	11,262	6,286	3,331	395,861,692	22,559
Kennebec	143	661,507,812	28.4	6.5	7,692	4,872	2,820	3,700	167,047,598	21,717
Penobscot	248	1,310,425,450	19.9	8.5	12,394	9,029	3,365	4,355	290,451,857	23,435
Sagadahoc	39	623,190,720	21.7	6.6	8,075	6,855	1,220	6,228	209,648,670	25,963
York	238	1,236,084,990	30.8	5.0	13,025	7,937	5,088	1,541	270,200,583	20,745
EASTERN	239	715,774,067	30.3	10.5	5,086	3,790	1,296	1,828	118,179,235	23,236
Hancock	145	399,617,359	16.6	2.4	2,836	2,244	592	1,092	72,583,399	25,594
Washington	94	316,156,708	52.9	22.7	2,250	1,546	704	736	45,595,836	20,265
MIDCOAST	310	453,895,737	39.9	8.6	5,593	3,301	2,292	1,037	92,331,656	16,508
Knox	126	266,555,832	61.8	12.6	2,825	1,671	1,154	235	49,156,907	17,401
Lincoln	97	57,707,510	46.2	16.5	962	575	387	0	17,497,945	18,189
Waldo	87	129,632,395	7.8	-1.6	1,806	1,055	751	802	25,676,804	14,217
NORTHERN	229	756,688,853	32.2	4.1	6,577	4,821	1,756	1,975	128,260,910	19,501
Aroostook	229	756,688,853	32.2	4.1	6,577	4,821	1,756	1,975	128,260,910	19,501
WESTERN	536	1,879,238,706	17.2	0.7	17,735	11,601	6,134	2,994	360,567,127	20,331
Franklin	110	504,680,680	-5.6	-5.5	4,093	2,646	1,447	454	95,891,620	23,428
Oxford	186	553,895,596	21.0	13.0	5,354	3,629	1,725	1,466	112,028,219	20,924
Piscataquis	81	168,395,079	4.5	5.6	2,560	1,632	928	61	42,099,715	16,445
Somerset	159	652,267,351	45.1	-4.4	5,728	3,694	2,034	1,013	110,547,573	19,300
NOTE: Detail lines may not be equal to the total line due to the presence of "statewide" manufactures.										

TABLE 5

MAINE CAPITAL EXPENDITURES & FOREIGN EXPORTS BY COUNTY, 1987

AREA	PLANT MODERNIZATION & EQUIPMENT						FOREIGN EXPORTS	
	TOTAL	NEW STRUCTURES	EXISTING STRUCTURES	EQUIPMENT	PLANNED		IMPORTS	EXPORTS
					1989	1990		
TOTAL	\$600,124,180	\$ 63,531,249	\$ 3,633,873	\$532,959,058	\$703,682,242	\$752,393,083	\$531,516,583	\$537,581,496
I-95 CORRIDOR	372,421,959	36,670,339	2,076,042	333,675,570	300,658,764	359,550,943	174,546,089	354,599,488
Androscoggin	27,949,856	5,825,819	150,000	21,974,037	19,036,660	17,810,484	7,115,053	16,118,271
Cumberland	81,667,950	7,360,603	1,262,042	73,045,305	107,919,062	100,145,238	61,534,835	103,123,827
Kennebec	23,827,933	4,742,132	0	19,085,793	34,293,134	44,384,218	20,358,169	2,875,158
Penobscot	173,136,642	10,743,147	75,000	162,318,495	90,865,468	133,204,700	74,098,794	52,150,739
Sagadahoc	13,372,894	3,593,393	6,000	9,773,501	7,040,778	18,076,600	1,016,000	944,887
York	52,466,684	4,405,245	583,000	47,478,439	41,503,662	45,929,703	10,423,238	179,386,606
EASTERN	76,187,625	3,161,502	138,000	72,888,123	158,196,695	87,166,279	84,471,209	67,570,530
Hancock	45,193,713	2,486,258	88,000	42,619,455	93,668,656	38,091,900	71,425,853	6,842,284
Washington	30,993,912	675,244	50,000	30,268,668	64,528,039	49,074,379	13,045,356	60,728,246
MIDCOAST	14,527,550	3,069,791	400,387	11,057,372	23,352,576	15,108,751	28,526,140	33,795,259
Knox	9,216,126	1,580,255	262,500	7,373,371	14,250,583	6,318,381	27,448,533	26,591,858
Lincoln	2,493,414	818,405	12,718	1,662,291	3,666,025	4,370,900	359,107	4,522,399
Waldo	2,818,010	671,131	125,169	2,021,710	5,435,968	4,419,470	718,500	2,681,002
NORTHERN	29,384,144	11,099,750	33,000	18,251,394	38,600,754	47,264,350	156,262,272	29,125,925
Aroostook	29,384,144	11,099,750	33,000	18,251,394	38,600,754	47,264,350	156,262,272	29,125,925
WESTERN	107,602,902	9,529,867	986,436	97,086,599	182,873,453	243,302,760	87,565,873	50,443,688
Franklin	28,587,525	934,815	75,466	27,577,244	65,886,529	86,339,100	20,317,442	12,176,074
Oxford	31,068,832	3,619,398	27,500	27,421,934	74,140,072	121,548,270	13,870,943	6,150,220
Piscataquis	6,604,980	2,795,898	0	3,809,082	9,654,708	2,397,200	3,479,191	13,482,782
Somerset	41,341,565	2,179,756	883,470	38,278,339	33,192,144	33,018,190	49,898,297	18,634,612
NOTE: Detail lines may not be equal to the total line due to the presence of "statewide" manufacturers.								

Table 6

CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>ANDROSCOGGIN (01)</u>	\$ 687,053,867	\$ 182,764,152	\$ 17,227	10,609	6,330	4,279
<u>Major Industry</u>						
DURABLE GOODS	188,702,903	57,667,849	20,220	2,852	2,127	725
Lumber & Wood Products (24)	20,638,637	4,686,676	17,167	273	244	29
Stone, Clay, & Glass (32)	28,196,594	8,548,585	20,402	419	384	35
Fabricated Metals (34)	19,767,316	4,540,097	20,268	224	191	33
Nonelectrical Machinery (35)	17,416,844	5,378,408	19,277	279	234	45
Electric & Electronic Eqpt. (36)	59,709,113	18,882,779	20,750	910	479	431
NONDURABLE GOODS	498,350,964	125,096,303	16,126	7,757	4,203	3,554
Food (20)	93,802,477	16,815,459	18,851	892	658	234
Textiles (22)	70,297,807	19,792,670	16,702	1,185	757	428
Paper (26)	48,908,374	13,461,810	21,642	622	375	247
Printing & Publishing(27)	31,537,088	12,262,935	18,468	664	376	288
Rubber & Plastics (30)	156,723,304	30,419,803	17,872	1,702	1,008	694
Leather (31)	92,254,165	28,892,664	11,894	2,429	887	1,542
<u>Minor Civil Division</u>						
Auburn (010)	292,306,949	67,044,417	20,372	3,291	2,179	1,112
Lewiston (050)	311,874,704	91,687,742	15,456	5,932	3,244	2,688
Lisbon (060)	38,283,393	14,903,263	18,490	806	511	295
Livermore Falls (080)	18,025,009	3,654,135	14,386	254	142	112
Mechanic Falls (090)	6,581,514	1,457,624	18,220	80	65	15
Poland (110)	2,051,666	238,823	17,058	14	13	1
<u>ARDOOSTOOK (03)</u>	756,688,853	128,260,910	19,501	6,577	4,821	1,756
<u>Major Industry</u>						
DURABLE GOODS	232,368,862	58,746,178	18,053	3,254	2,651	603
Lumber & Wood Products (24)	217,933,647	49,866,357	19,105	2,610	2,386	224
Stone, Clay, & Glass Product (32)	3,877,111	1,674,630	19,248	87	78	9
Machinery, Except Electrical (35)	1,783,434	488,649	13,573	36	31	5
NONDURABLE GOODS	524,319,991	69,514,732	20,919	3,323	2,170	1,153
Food (20)	141,326,711	18,140,961	15,774	1,150	782	368
Printing & Publishing(27)	3,612,229	1,429,844	12,881	111	55	56
<u>Minor Civil Division</u>						
Allagash Plt. (010)	3,785,765	780,743	15,014	52	48	4
Ashland (030)	29,560,316	6,355,038	16,336	389	314	75
Caribou (080)	9,106,473	7,128,724	12,729	560	189	371
Fort Kent (200)	46,454,794	12,624,044	18,955	666	458	208
Houlton (300)	28,936,016	10,101,105	17,091	591	432	159
Portage Lake (520)	4,955,097	1,645,241	18,695	88	82	6

Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>AROOSTOOK (03) (continued)</u>						
<u>Minor Civil Division (continued)</u>						
Presque Isle (530)	\$ 55,712,338	\$ 12,187,617	\$ 14,237	856	479	377
St. Francis (560)	2,082,637	721,711	14,434	50	48	2
Sherman (580)	4,977,285	820,954	11,727	70	51	19
Smyrna (590)	5,084,516	579,314	10,728	54	46	8
Van Buren (610)	2,722,992	1,299,642	14,602	89	81	8
<u>CUMBERLAND (05)</u>	1,543,751,202	395,861,692	22,558	17,548	11,262	6,286
<u>Major Industry</u>						
DURABLE GOODS	693,903,584	178,776,535	22,470	7,956	5,278	2,678
Lumber & Wood Products (24)	57,441,544	16,628,205	17,357	958	745	213
Furniture & Fixtures (25)	7,396,825	1,691,234	15,236	111	67	44
Stone, Clay, & Glass (32)	17,395,696	3,484,795	20,143	173	159	14
Primary Metals (33)	1,574,621	498,314	16,074	31	25	6
Fabricated Metals (34)	61,112,389	14,039,732	23,129	607	484	123
Nonelectrical Machinery (35)	246,280,212	48,467,316	23,190	2,090	1,539	551
Electric & Electronic Eqpt. (36)	274,788,891	86,332,492	24,332	3,548	1,995	1,553
Transportation Equipment (37)	14,828,823	5,165,450	18,990	272	222	50
Measuring Instruments (38)	13,084,583	2,468,997	14,873	166	42	124
NONDURABLE GOODS	849,847,618	217,085,157	22,631	9,592	5,984	3,608
Food (20)	305,987,084	40,650,513	20,676	1,966	1,441	525
Apparel (23)	16,871,818	4,008,411	10,147	395	109	286
Printing & Publishing(27)	77,055,962	36,864,170	20,355	1,811	1,042	769
Chemicals & Allied Products (28)	14,553,569	5,778,553	24,694	234	115	119
Rubber & Plastics (30)	23,058,374	7,785,916	18,406	423	284	139
Leather (31)	66,193,070	28,643,152	16,547	1,731	642	1,089
Miscellaneous (39)	14,698,977	3,600,904	15,129	238	92	146
<u>Minor Civil Division</u>						
Baldwin (010)	5,976,018	1,456,506	17,981	81	75	6
Bridgton (020)	45,759,696	8,173,458	14,753	554	230	324
Brunswick (030)	65,366,397	14,775,319	16,380	902	344	558
Falmouth (070)	1,456,725	637,336	18,209	35	25	10
Freeport (080)	43,363,061	16,571,661	15,618	1,061	500	561
Gorham (090)	53,675,364	15,868,753	19,518	813	592	221
Gray (100)	26,599,153	1,921,784	14,670	131	71	60
Portland (170)	414,420,149	95,110,255	21,547	4,414	3,046	1,368
Raymond (190)	25,978,375	7,947,988	20,172	394	310	84
Scarborough (200)	64,308,811	20,361,411	20,361	1,000	680	320
South Portland (220)	159,765,191	61,077,274	25,417	2,403	1,407	996
Westbrook (240)	498,201,612	123,862,383	27,953	4,431	3,165	1,266
Windham (250)	14,835,272	5,685,878	22,563	252	199	53
Yarmouth (260)	16,720,673	4,151,763	18,617	223	117	106

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>FRANKLIN (07)</u>	\$ 504,680,680	\$ 95,891,620	\$ 23,428	4,093	2,646	1,447
<u>Major Industry</u>						
DURABLE GOODS	58,925,028	16,866,117	14,209	1,187	779	408
Lumber & Wood Products (24)	54,496,369	15,741,932	14,258	1,104	738	366
Machinery, Except Electrical (35)	632,279	244,441	11,640	21	12	9
NONDURABLE GOODS	445,755,652	79,025,503	27,193	2,906	1,867	1,039
<u>Minor Civil Division</u>						
Eustis (060)	11,962,695	2,007,244	15,206	132	121	11
Farmington (070)	23,448,290	5,559,035	10,390	535	288	247
Kingfield (100)	5,007,571	1,822,556	11,990	152	89	63
Phillips (140)	6,542,169	1,608,190	14,106	114	53	61
Rangeley (150)	8,406,882	678,171	13,041	52	44	8
Strong (180)	18,598,584	4,569,521	15,385	297	209	88
Wilton (210)	65,519,192	17,100,105	12,964	1,319	599	720
<u>HANCOCK (09)</u>	399,617,359	72,583,399	25,593	2,836	2,244	592
<u>Major Industry</u>						
DURABLE GOODS	50,691,615	14,512,222	18,005	806	624	182
Lumber & Wood Products (24)	14,188,475	2,351,819	14,979	157	147	10
Furniture & Fixtures (25)	210,041	44,470	8,894	5	4	1
Transportation Equipment (37)	21,977,165	8,507,613	20,954	406	340	66
NONDURABLE GOODS	348,925,744	58,071,177	28,606	2,030	1,620	410
<u>Minor Civil Division</u>						
Bar Harbor (030)	1,985,428	565,658	12,570	45	21	24
Blue Hill (040)	644,912	566,331	10,296	55	32	23
Brooklin (050)	7,314,284	2,399,801	22,428	107	80	27
Ellsworth (130)	31,185,757	4,823,408	14,528	332	206	126
Gouldsboro (150)	7,680,764	3,843,379	17,234	223	102	121
Southwest Harbor (280)	20,852,942	6,679,105	20,872	320	258	62
<u>KENNEBEC (11)</u>	661,507,812	167,047,598	21,717	7,692	4,872	2,820
<u>Major Industry</u>						
DURABLE GOODS	196,439,210	45,217,241	23,599	1,916	1,375	541
Lumber & Wood Products (24)	17,193,230	4,376,706	15,249	287	256	31
Fabricated Metals (34)	29,152,269	8,325,232	20,256	411	329	82
Nonelectrical Machinery (35)	24,568,442	7,655,246	26,216	292	269	23

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>KENNEBEC (11) (continued)</u>						
NONDURABLE GOODS	\$ 465,068,602	\$ 121,830,357	\$ 21,092	5,776	3,497	2,279
Food (20)	63,293,905	8,855,957	16,836	526	381	145
Textiles (22)	75,221,095	21,923,037	18,103	1,211	798	413
Paper (26)	227,501,951	64,272,615	27,211	2,362	1,796	566
Printing & Publishing(27)	32,021,450	10,757,948	19,489	552	337	215
<u>Minor Civil Division</u>						
Augusta (020)	221,631,572	50,483,269	24,819	2,034	1,380	654
Benton (040)	4,911,509	479,037	13,686	35	31	4
Clinton (070)	11,496,435	3,770,009	18,756	201	171	30
Gardiner (100)	21,307,226	5,112,296	15,586	328	168	160
Hallowell (110)	4,201,305	1,277,167	16,166	79	51	28
Mount Vernon (150)	444,000	51,311	10,262	5	5	0
Waterville (240)	127,270,625	42,029,085	19,165	2,193	1,032	1,161
Winslow (280)	139,269,595	33,707,153	28,809	1,170	892	278
<u>KNOX (13)</u>	266,555,832	49,156,907	17,400	2,825	1,671	1,154
<u>Major Industry</u>						
DURABLE GOODS	94,858,274	20,337,716	19,461	1,045	764	281
Lumber & Wood Products (24)	2,295,256	481,643	9,632	50	33	17
Fabricated Metals (34)	8,516,851	2,071,418	15,458	134	99	35
Machinery, Except Electrical (35)	36,340,193	5,122,335	22,271	230	215	15
Transportation Equipment (37)	8,615,174	3,569,821	18,592	192	171	21
NONDURABLE GOODS	171,697,558	28,819,191	16,190	1,780	907	873
Food (20)	43,293,387	8,352,478	13,363	625	290	335
Textiles (22)	43,136,694	5,918,199	17,055	347	213	134
Apparel (23)	14,821,759	3,235,035	13,044	248	67	181
Printing & Publishing(27)	13,070,971	3,574,974	16,550	216	80	136
<u>Minor Civil Division</u>						
Camden (020)	23,858,358	7,505,076	16,350	459	219	240
Rockland (100)	162,006,292	27,101,971	16,917	1,602	943	659
Rockport (110)	5,171,128	1,474,226	17,761	83	40	43
St. George (120)	629,919	97,058	7,466	13	11	2
Thomaston (140)	30,391,488	6,074,413	27,610	220	187	33
Warren (170)	38,461,376	4,552,638	17,115	266	170	96

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>LINCOLN (15)</u>	\$ 57,707,510	\$ 17,497,945	\$ 18,189	962	575	387
<u>Major Industry</u>						
DURABLE GOODS	45,762,879	13,157,177	20,398	645	393	252
Lumber & Wood Products (24)	3,269,069	917,210	11,759	78	55	23
Stone, Clay, & Glass (32)	827,058	304,546	10,876	28	9	19
Nonelectrical Machinery (35)	4,046,219	1,119,184	19,634	57	38	19
Transportation Equipment (37)	8,443,779	3,162,637	19,167	165	150	15
NONDURABLE GOODS	11,944,631	4,340,768	13,693	317	182	135
Food (20)	3,486,342	705,948	9,288	76	41	35
Printing & Publishing(27)	3,293,953	935,268	13,360	70	23	47
<u>Minor Civil Division</u>						
Boothbay (020)	8,950,094	3,524,217	19,688	179	147	32
Boothbay Harbor (030)	1,212,226	535,297	9,229	58	27	31
Bristol (050)	5,049,113	1,287,325	16,091	80	51	29
Waldoboro (160)	29,782,873	8,121,153	22,310	364	160	204
Wiscasset (190)	1,405,218	372,571	14,902	25	12	13
<u>OXFORD (17)</u>	553,895,596	112,028,219	20,924	5,354	3,629	1,725
<u>Major Industry</u>						
DURABLE GOODS	146,472,132	41,945,192	16,391	2,559	1,743	816
Lumber & Wood Products (24)	122,663,540	33,159,665	16,065	2,064	1,466	598
Stone, Clay, & Glass (32)	2,949,666	708,268	17,274	41	29	12
Nonelectrical Machinery (35)	10,672,329	4,431,725	24,484	181	161	20
NONDURABLE GOODS	407,423,464	70,083,027	25,074	2,795	1,886	909
Printing & Publishing(27)	4,853,045	1,571,484	14,417	109	59	50
Leather (31)	21,054,779	7,231,706	12,236	591	220	371
<u>Minor Civil Division</u>						
Andover (010)	7,471,940	2,107,528	13,774	153	108	45
Bethel (020)	15,050,032	5,787,719	16,349	354	211	143
Buckfield (040)	1,348,173	349,141	10,580	33	18	15
Fryeburg (090)	14,725,573	6,350,726	17,164	370	221	149
Norway (210)	32,347,544	10,484,766	13,511	776	393	383
Oxford (220)	61,800,521	14,275,983	14,964	954	566	388
Paris (230)	15,615,347	5,567,386	15,816	352	192	160
Waterford (330)	7,433,716	658,440	16,461	40	37	3

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>PENOBSCOT (19)</u>	\$ 1,310,425,450	\$ 290,451,857	\$ 23,434	12,394	9,029	3,365
<u>Major Industry</u>						
DURABLE GOODS	285,828,427	64,495,240	19,402	3,324	2,633	691
Lumber & Wood Products (24)	179,908,393	34,530,145	18,746	1,842	1,585	257
Stone, Clay, & Glass (32)	11,556,321	3,428,383	19,479	176	164	12
Fabricated Metals (34)	2,224,361	1,459,704	17,377	84	77	7
Nonelectrical Machinery (35)	43,511,342	11,618,911	23,567	493	456	37
Transportation Equipment (37)	15,542,057	3,659,726	20,219	181	118	63
NONDURABLE GOODS	1,024,597,023	225,956,617	24,912	9,070	6,396	2,674
Food (20)	59,626,500	7,471,934	17,622	424	291	133
Textiles (22)	48,105,351	18,746,896	16,904	1,109	641	468
Paper (26)	684,161,670	146,607,876	33,913	4,323	3,844	479
Printing & Publishing(27)	30,324,680	12,017,913	23,200	518	334	184
Leather (31)	156,626,174	36,199,708	14,526	2,492	1,110	1,382
<u>Minor Civil Division</u>						
Bangor (020)	146,467,249	40,319,909	19,852	2,031	1,307	724
Brewer (050)	103,446,486	21,886,401	23,737	922	667	255
Enfield (200)	4,758,307	896,733	15,198	59	55	4
Greenbush (260)	3,277,485	344,184	12,747	27	24	3
Hampden (280)	18,995,149	4,070,944	17,699	230	170	60
Howland (310)	2,936,567	558,195	9,460	59	57	2
Lee (360)	3,649,760	486,298	12,797	38	34	4
Lincoln (380)	92,084,169	18,445,493	26,927	685	612	73
Newport (470)	38,549,616	11,118,974	17,292	643	380	263
Old Town (480)	204,843,833	35,830,898	23,903	1,499	1,052	447
Patten (520)	4,214,664	1,038,427	12,511	83	62	21
Winn (610)	8,729,262	2,553,813	17,734	144	135	9
<u>PISCATAQUIS (21)</u>	168,395,079	42,099,715	16,445	2,560	1,632	928
<u>Major Industry</u>						
DURABLE GOODS	72,276,600	21,392,795	16,443	1,301	991	310
Lumber & Wood Products (24)	60,076,112	16,757,706	16,097	1,041	794	247
NONDURABLE GOODS	96,118,479	20,706,920	16,447	1,259	641	618
<u>Minor Civil Division</u>						
Greenville (090)	19,498,124	6,077,101	17,412	349	328	21
Guilford (100)	85,382,976	23,971,597	17,147	1,398	804	594
Sebec (180)	2,548,297	179,789	12,842	14	13	1

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>SOMERSET (25)</u>	\$ 652,267,351	\$ 110,547,573	\$ 19,299	5,728	3,694	2,034
<u>Major Industry</u>						
DURABLE GOODS	191,140,994	40,474,307	17,070	2,371	1,728	643
Lumber & Wood Products (24)	137,135,519	31,152,826	17,098	1,822	1,471	351
NONDURABLE GOODS	461,126,357	70,073,266	20,873	3,357	1,966	1,391
Food (20)	11,131,785	845,078	15,649	54	36	18
Textiles (22)	3,101,004	1,426,743	13,987	102	59	43
Apparel (23)	12,015,378	3,929,027	13,053	301	64	237
Printing & Publishing(27)	1,039,006	294,828	10,919	27	14	13
Leather (31)	119,959,667	23,101,201	12,978	1,780	822	958
<u>Minor Civil Division</u>						
Anson (010)	26,072,849	6,719,675	16,114	417	335	82
Bingham (030)	4,358,547	760,093	11,344	67	56	11
Detroit (100)	12,736,957	954,624	14,686	65	54	11
Harmony (130)	7,803,608	1,482,829	11,406	130	32	98
Jackman (160)	32,532,616	7,163,856	23,335	307	297	10
Pittsfield (240)	79,954,501	16,448,972	13,650	1,205	507	698
Skowhegan (280)	60,533,254	11,973,058	12,330	971	411	560
<u>WALDO (27)</u>	129,632,395	25,676,804	14,217	1,806	1,055	751
<u>Major Industry</u>						
DURABLE GOODS	30,878,241	8,695,780	16,563	525	413	112
Lumber & Wood Products (24)	17,431,912	4,669,203	16,856	277	216	61
Transportation Equipment (37)	1,653,358	598,910	13,611	44	35	9
NONDURABLE GOODS	98,754,154	16,981,024	13,256	1,281	642	639
Food (20)	70,646,258	9,989,500	11,548	865	398	467
Printing & Publishing(27)	8,157,689	2,359,413	13,482	175	106	69
<u>Minor Civil Division</u>						
Belfast (010)	67,678,197	15,031,159	12,652	1,188	569	619
Lincolntonville (110)	1,426,472	694,930	13,626	51	35	16
<u>WASHINGTON (29)</u>	316,156,708	45,595,836	20,264	2,250	1,546	704
<u>Major Industry</u>						
DURABLE GOODS	86,341,490	17,099,951	21,979	778	654	124
Lumber & Wood Products (24)	81,665,407	15,409,391	24,228	636	573	63
Machinery, Except Electrical (35)	18,000	13,360	6,680	2	2	0
NONDURABLE GOODS	229,815,218	28,495,885	19,358	1,472	892	580
Food (20)	46,221,408	5,923,475	9,694	611	292	319

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
WASHINGTON (29) (continued)						
Minor Civil Division						
Baileyville (030)	\$ 208,061,168	\$ 31,439,265	\$ 31,035	1,013	866	147
Calais (070)	4,380,699	1,096,905	12,904	85	31	54
Danforth (170)	2,545,281	547,889	10,146	54	52	2
East Machias (200)	6,838,212	1,068,940	14,445	74	52	22
Lubec (260)	4,825,548	1,075,034	7,072	152	65	87
Milbridge (310)	2,404,732	1,940,935	16,448	118	48	70
YORK (31)	1,236,084,990	270,200,583	20,744	13,025	7,937	5,088
Major Industry						
DURABLE GOODS	780,859,782	182,666,546	21,963	8,317	5,208	3,109
Lumber & Wood Products (24)	34,869,063	9,155,736	18,647	491	423	68
Stone, Clay, & Glass (32)	43,066,311	12,005,413	27,100	443	389	54
Fabricated Metals (34)	70,356,570	26,892,219	24,514	1,097	814	283
Nonelectrical Machinery (35)	26,522,712	9,862,729	24,352	405	341	64
Electric & Electronic Eqpt. (36)	213,376,777	54,261,057	17,931	3,026	1,061	1,965
Transportation Equipment (37)	347,042,894	56,098,589	25,487	2,201	1,679	522
NONDURABLE GOODS	455,225,208	87,534,037	18,592	4,708	2,729	1,979
Food (20)	1,630,315	312,916	8,457	37	12	25
Textiles (22)	59,274,618	17,746,282	16,600	1,069	606	463
Apparel (23)	36,835,693	10,668,584	15,089	707	268	439
Printing & Publishing(27)	61,908,443	12,892,855	18,631	692	367	325
Rubber & Plastics (30)	121,426,283	23,636,546	20,697	1,142	699	443
Leather (31)	159,228,812	19,395,712	21,151	917	683	234
Miscellaneous (39)	663,110	85,983	5,732	15	4	11
Minor Civil Division						
Biddeford (050)	198,518,901	66,594,892	18,822	3,538	1,885	1,653
Kennebunkport (120)	593,038	84,178	9,353	9	2	7
Parsonsfield (210)	21,479,702	5,516,266	15,942	346	218	128
Saco (220)	80,151,461	25,060,571	23,731	1,056	766	290
Sanford (230)	283,822,911	65,844,781	18,727	3,516	1,842	1,674
York (280)	3,653,478	1,018,449	11,706	87	28	59

TABLE 7

CENSUS OF MAINE MANUFACTURES BY ECONOMIC AREA, 1987

AREA	NUMBER REPORTING	VALUE OF PRODUCT			EMPLOYMENT			UNIONIZED WORKERS	WAGES	
		\$	PERCENT CHANGE		TOTAL	MALE	FEMALE		GROSS	AVERAGE
			1982	1986						
Augusta (19)	104	357,247,643	24.6	-7.0	4,062	2,615	1,447	1,422	\$ 84,522,629	\$ 20,808
Bangor (12)	133	569,026,393	31.3	7.5	5,404	3,818	1,586	1,538	115,239,970	21,325
Bar Harbor - Southwest Harbor (09)	59	42,541,353	25.8	16.0	796	514	282	40	13,854,223	17,405
Belfast (16)	70	117,674,272	4.6	-2.4	1,607	905	702	802	22,269,697	13,858
Biddeford - Sanford (29)	165	647,283,267	9.5	5.1	9,140	5,014	4,126	1,571	176,826,606	19,346
Blue Hill - Stonington (10)	45	16,604,744	98.5	27.2	318	162	156	0	4,514,614	14,197
Bridgton (28)	85	110,092,614	35.1	-1.0	1,733	1,011	722	105	27,966,681	16,138
Brunswick - Bath (24)	77	713,763,773	22.8	2.1	9,775	7,611	2,164	6,533	237,539,927	24,301
Calais - Baileyville (05)	21	214,677,782	38.6	14.8	1,137	919	218	736	32,973,830	29,001
Dexter (15)	37	199,624,100	17.5	8.1	2,979	1,634	1,345	46	48,623,840	16,322
Dover Foxcroft - Guilford (14)	77	160,826,659	7.1	5.7	2,466	1,555	911	33	40,614,083	16,470
Eastport (06)	16	17,465,008	18.2	27.4	394	215	179	0	4,891,054	12,414
Ellsworth - Bucksport (11)	-	-	-	-	-	-	-	-	-	-
Farmington - Jay (22)	106	504,465,511	-7.8	-5.8	4,216	2,649	1,567	454	97,493,134	23,125
Houlton (03)	50	58,757,568	43.2	-18.3	895	696	199	48	14,721,503	16,449
Jonesport - Cherryfield (08)	21	25,914,178	54.0	-23.1	433	220	213	0	4,109,437	9,491
Kittery (30)	61	566,047,108	69.4	6.0	3,493	2,697	796	0	87,471,528	25,042
Lewiston (23)	202	671,669,680	17.2	-3.2	10,368	6,218	4,150	907	179,525,496	17,315
Lincoln (13)	59	136,045,853	19.0	10.4	1,186	1,083	103	539	27,266,417	22,990
Machias - Whitneyville (07)	17	25,326,701	721.0	52.7	204	113	91	0	2,794,787	13,700
Madawaska (01)	55	377,736,243	18.6	-1.4	2,043	1,625	418	1,036	55,080,922	26,961
Millinocket (04)	-	-	-	-	-	-	-	-	-	-
Paris - Norway (27)	89	133,330,953	7.3	8.9	2,496	1,430	1,066	105	36,452,522	14,604
Portland (25)	337	1,364,026,743	25.7	5.6	14,655	9,872	4,783	2,921	349,282,638	23,834
Presque Isle (02)	69	250,622,342	61.9	20.9	2,903	1,812	1,091	625	45,874,357	15,802
Rockland (17)	126	266,382,872	61.7	12.5	2,821	1,671	1,150	235	49,103,168	17,406
Rumford (26)	64	400,379,146	26.0	14.9	2,412	1,912	500	1,361	68,051,309	28,214
Skowhegan (21)	108	253,945,483	-0.4	-28.6	4,135	2,298	1,837	240	63,224,208	15,290
Waldoboro (18)	83	50,944,478	31.5	18.6	815	463	352	0	15,249,463	18,711
Waterville (20)	76	668,357,668	76.8	26.9	5,103	3,380	1,723	2,906	125,381,161	24,570
NOTE: The total of the economic areas may not be equal to the total for the state due to the presence of nonclassifiable establishments and nondisclosable economic areas.										

TABLE 8

MAINE CAPITAL EXPENDITURES BY ECONOMIC AREA, 1987

AREA	PLANT MODERNIZATION & EQUIPMENT						FOREIGN EXPORTS	
	TOTAL	NEW STRUCTURES	EXISTING STRUCTURES	EQUIPMENT	PLANNED		IMPORTS	EXPORTS
					1989	1990		
Augusta (19)	\$ 12,347,788	\$ 2,138,045	\$ 0	\$ 10,209,743	\$ 12,561,924	\$ 13,397,883	\$ 14,854,441	\$ 1,922,970
Bangor (12)	56,334,140	9,635,322	75,000	46,623,818	50,850,264	43,994,500	17,428,078	26,951,734
Bar Harbor - Southwest Harbor (09)	4,272,675	1,244,623	0	3,028,052	1,652,500	2,614,500	1,357,553	115,803
Belfast (16)	2,496,336	538,372	102,169	1,855,795	5,025,768	4,085,670	708,500	2,681,002
Biddeford - Sanford (29)	30,274,959	3,187,181	570,000	26,517,778	26,157,933	25,282,873	8,165,242	35,436,302
Blue Hill - Stonington (10)	1,112,418	656,205	56,000	400,213	516,392	215,400	0	417,042
Bridgton (28)	3,978,982	747,351	7,500	3,224,131	4,199,100	1,869,230	1,836,444	842,123
Brunswick - Bath (24)	14,995,332	3,658,293	6,000	11,331,039	7,955,178	26,227,500	1,051,500	1,000,080
Calais - Baileyville (05)	28,320,632	11,934	0	28,308,698	62,593,953	46,860,500	11,679,466	60,224,321
Dexter (15)	1,701,704	286,259	0	1,415,445	784,710	698,100	4,140,000	1,473,957
Dover Foxcroft - Guilford (14)	6,152,497	2,739,898	0	3,412,599	9,086,012	2,280,700	3,430,191	8,469,665
Eastport (06)	260,224	148,970	0	111,254	375,522	54,500	1,237,150	12,268
Ellsworth - Bucksport (11)	-	-	-	-	-	-	-	-
Farmington - Jay (22)	28,169,839	961,215	75,466	27,133,158	65,998,016	85,796,100	21,079,849	10,859,476
Houlton (03)	3,778,468	923,833	0	2,854,635	2,637,757	1,575,000	10,956,016	1,963,551
Jonesport - Cherryfield (08)	716,174	136,759	0	579,415	820,000	1,844,000	128,740	110,000
Kittery (30)	21,508,719	1,072,597	13,000	20,423,122	14,876,254	20,345,500	854,552	143,807,304
Lewiston (23)	27,714,800	5,805,819	150,000	21,758,981	16,976,139	17,547,084	6,352,646	16,090,951
Lincoln (13)	8,655,863	727,722	0	7,928,141	9,164,514	12,088,000	4,831,717	3,824,024
Machias - Whitneyville (07)	632,026	9,114	50,000	572,912	196,500	309,000	0	290,000
Madawaska (01)	13,411,449	3,171,311	33,000	10,207,138	25,795,651	36,664,400	140,100,959	15,035,436
Millinocket (04)	-	-	-	-	-	-	-	-
Paris - Norway (27)	6,964,132	2,885,360	20,000	4,058,772	5,667,034	2,468,770	3,939,943	1,234,814
Portland (25)	78,614,004	7,083,442	1,262,042	70,268,520	105,740,637	90,453,338	61,091,335	101,617,524
Presque Isle (02)	10,261,517	6,916,787	0	3,344,730	6,806,846	6,722,950	4,855,656	2,030,154
Rockland (17)	9,240,126	1,580,255	262,500	7,297,371	14,160,583	6,318,381	27,445,533	26,591,858
Rumford (26)	22,039,265	357,315	0	21,681,950	65,616,838	118,716,000	9,906,000	4,753,406
Skowhegan (21)	12,008,432	1,122,945	849,215	10,036,272	5,971,991	3,297,690	39,850,634	5,989,311
Waldoboro (18)	2,071,214	580,205	12,718	1,478,291	2,802,025	4,025,900	359,107	4,522,399
Waterville (20)	38,104,000	3,653,745	23,008	34,427,247	46,876,839	59,065,135	15,297,728	6,000,438
NOTE: The total of these economic areas may not be equal to the total for the state due to the presence of nonclassifiable establishments and nondisclosable economic areas.								

Table 9

CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>AUGUSTA (19)</u>	\$ 357,247,643	\$ 84,522,629	\$ 20,808	4,062	2,615	1,447
DURABLE GOODS	161,660,307	33,529,175	23,044	1,455	887	568
Lumber & Wood Products (24)	11,404,113	3,020,573	14,315	211	176	35
Fabricated Metals (34)	22,422,969	6,080,015	20,402	298	232	66
NONDURABLE GOODS	195,587,336	50,993,454	19,560	2,607	1,728	879
Textiles (22)	70,556,252	18,271,120	17,877	1,022	691	331
Printing & Publishing(27)	19,268,809	5,868,645	19,497	301	185	116
<u>BANGOR (12)</u>	569,026,393	115,239,970	21,324	5,404	3,818	1,586
DURABLE GOODS	153,413,295	35,342,166	19,700	1,794	1,339	455
Lumber & Wood Products (24)	56,843,048	9,621,646	18,977	507	452	55
Stone, Clay & Glass (32)	9,474,238	2,681,228	19,151	140	133	7
Fabricated Metals (34)	2,095,649	742,900	13,507	55	51	4
Transportation Equipment (37)	15,542,057	3,659,726	20,219	181	118	63
NONDURABLE GOODS	415,613,098	79,897,804	22,132	3,610	2,479	1,131
Printing & Publishing(27)	29,434,461	11,714,891	23,859	491	328	163
Leather (31)	43,629,702	10,399,306	12,514	831	398	433
<u>BAR HARBOR - SOUTHWEST HARBOR (09)</u>	42,541,353	13,854,223	17,404	796	514	282
DURABLE GOODS	30,313,695	9,851,271	18,448	534	399	135
Transportation Equipment (37)	17,311,038	6,692,476	20,848	321	262	59
NONDURABLE GOODS	12,227,658	4,002,952	15,278	262	115	147
Food (20)	8,886,787	3,443,896	15,870	217	103	114
Misc. Manufacturing Ind. (39)	1,006,574	14,957	7,478	2	1	1
<u>BELFAST (16)</u>	117,674,272	22,269,697	13,857	1,607	905	702
DURABLE GOODS	21,378,815	6,066,768	16,530	367	286	81
Lumber & Wood Products (24)	16,645,335	4,550,016	16,977	268	207	61
Transportation Equipment (37)	1,653,358	598,910	13,611	44	35	9
NONDURABLE GOODS	96,295,457	16,202,929	13,066	1,240	619	621
Food (20)	69,983,051	9,813,866	11,518	852	394	458
Printing & Publishing(27)	7,688,692	2,202,584	13,348	165	103	62

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>BIDDEFORD - SANFORD (29)</u>	\$ 647,283,267	\$ 176,826,606	\$ 19,346	9,140	5,014	4,126
DURABLE GOODS	401,851,211	117,228,567	20,292	5,777	3,188	2,589
Lumber & Wood Products (24)	25,594,436	6,581,507	21,368	308	267	41
Stone, Clay, & Glass (32)	42,210,313	11,819,244	27,679	427	379	48
Fabricated Metals (34)	54,397,120	22,665,864	24,825	913	718	195
Nonelectrical Machinery (35)	23,838,261	8,834,377	24,137	366	308	58
Electric & Electronic Eqpt. (36)	205,539,206	52,246,360	17,935	2,913	993	1,920
NONDURABLE GOODS	245,432,056	59,598,039	17,721	3,363	1,826	1,537
Food (20)	1,556,890	245,220	9,082	27	8	19
Textiles (22)	49,357,210	15,507,396	16,462	942	532	410
Printing & Publishing(27)	14,838,399	4,442,102	15,160	293	121	172
Rubber & Plastics (30)	121,426,283	23,636,546	20,697	1,142	699	443
Leather (31)	8,183,917	2,881,422	16,007	180	116	64
<u>BLUE HILL - STONINGTON (10)</u>	16,604,744	4,514,614	14,196	318	162	156
DURABLE GOODS	5,367,554	2,144,120	18,325	117	102	15
Lumber & Wood Products (24)	215,377	213,139	11,217	19	18	1
NONDURABLE GOODS	11,237,190	2,370,494	11,793	201	60	141
Printing & Publishing(27)	3,965,750	1,167,321	15,359	76	24	52
<u>BRIDGTON (28)</u>	110,092,614	27,966,681	16,137	1,733	1,011	722
DURABLE GOODS	57,425,500	18,007,466	17,882	1,007	764	243
Lumber & Wood Products (24)	24,578,777	7,082,135	15,497	457	353	104
Nonelectrical Machinery (35)	11,459,551	4,571,966	22,522	203	173	30
NONDURABLE GOODS	52,667,114	9,959,215	13,717	726	247	479
Apparel (23)	1,824,861	874,485	9,205	95	15	80
Printing & Publishing(27)	1,221,561	410,060	11,390	36	15	21
<u>BRUNSWICK - BATH (24)</u>	713,763,773	237,539,927	24,300	9,775	7,611	2,164
<u>CALAIS - BAILEYVILLE (05)</u>	214,677,782	32,973,830	29,000	1,137	919	218
<u>DEXTER (15)</u>	199,624,100	48,623,840	16,322	2,979	1,634	1,345
Lumber & Wood Products (24)	14,674,389	3,175,867	17,841	178	139	39

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>DOVER-FOXCROFT - GUILFORD (14)</u>	\$ 160,826,659	\$ 40,614,083	\$ 16,469	2,466	1,555	911
DURABLE GOODS	64,828,180	20,023,599	16,279	1,230	922	308
Lumber & Wood Products (24)	52,627,692	15,388,510	15,864	970	725	245
NONDURABLE GOODS	95,998,479	20,590,484	16,658	1,236	633	603
<u>EASTPORT (06)</u>	17,465,008	4,891,064	12,413	394	215	179
NONDURABLE GOODS	14,767,732	4,400,433	12,023	366	189	177
Food (20)	5,006,814	1,105,387	7,131	155	68	87
<u>FARMINGTON - JAY (22)</u>	504,465,511	97,493,134	23,124	4,216	2,649	1,567
DURABLE GOODS	45,716,904	16,253,952	14,282	1,138	710	428
Lumber & Wood Products (24)	41,646,401	15,294,700	14,374	1,064	674	390
NONDURABLE GOODS	458,748,607	81,239,182	26,393	3,078	1,939	1,139
Leather Products (31)	87,769,794	15,614,343	11,129	1,403	638	765
<u>HOULTON (03)</u>	58,757,568	14,721,503	16,448	895	696	199
DURABLE GOODS	31,939,801	10,266,477	16,347	628	518	110
NONDURABLE GOODS	26,817,767	4,455,026	16,685	267	178	89
<u>JONESPORT - CHERRYFIELD (08)</u>	25,914,178	4,109,437	9,490	433	220	213
<u>KITTERY (30)</u>	566,047,108	87,471,528	25,041	3,493	2,697	796
DURABLE GOODS	367,696,277	62,403,117	26,611	2,345	1,879	466
Lumber & Wood Products (24)	6,049,904	1,554,064	15,386	101	83	18
NONDURABLE GOODS	198,350,831	25,068,411	21,836	1,148	818	330
Miscellaneous (39)	108,575	31,762	6,352	5	1	4
<u>LEWISTON (23)</u>	671,669,680	179,525,496	17,315	10,368	6,218	4,150
DURABLE GOODS	186,275,340	56,729,951	20,326	2,791	2,087	704
Lumber & Wood Products (24)	17,267,882	3,568,835	16,599	215	188	27
Stone, Clay, & Glass (32)	28,213,965	8,554,858	20,368	420	385	35
Fabricated Metals (34)	21,151,686	4,956,285	20,312	244	209	35
Nonelectrical Machinery (35)	17,458,295	5,378,408	19,277	279	234	45
Electric & Electronic Eqpt. (36)	59,209,113	18,640,261	21,038	886	476	410

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>LEWISTON (23) (continued)</u>						
NONDURABLE GOODS	\$ 485,394,340	\$ 122,795,545	\$ 16,206	7,577	4,131	3,446
Food (20)	93,224,115	16,644,262	19,043	874	650	224
Textiles (22)	70,297,807	19,792,670	16,702	1,185	757	428
Apparel (23)	2,196,500	1,141,594	10,872	105	47	58
Paper (26)	48,908,374	13,461,810	21,642	622	375	247
Printing & Publishing(27)	30,137,088	11,816,334	18,405	642	363	279
Rubber & Plastics (30)	156,723,304	30,419,803	17,872	1,702	1,008	694
Leather (31)	81,275,903	27,209,704	11,887	2,289	836	1,453
<u>LINCOLN (13)</u>	136,045,853	27,266,417	22,990	1,186	1,083	103
<u>MACHIAS - WHITNEYVILLE (07)</u>	25,326,701	2,794,787	13,699	204	113	91
<u>MADAWASKA (01)</u>	377,736,243	55,080,922	26,960	2,043	1,625	418
<u>PARIS - NORWAY (27)</u>	133,330,953	36,452,522	14,604	2,496	1,430	1,066
DURABLE GOODS	73,892,463	19,798,795	14,886	1,330	845	485
Lumber & Wood Products (24)	55,580,437	13,834,191	14,440	958	673	285
NONDURABLE GOODS	59,438,490	16,653,727	14,282	1,166	585	581
Leather (31)	19,687,305	6,329,356	12,242	517	200	317
<u>PORTLAND (25)</u>	1,364,026,743	349,282,638	23,833	14,655	9,872	4,783
DURABLE GOODS	622,387,592	160,508,825	23,074	6,956	4,650	2,306
Lumber & Wood Products (24)	46,050,850	13,102,344	17,973	729	560	169
Furniture & Fixtures (25)	7,396,825	1,691,234	15,236	111	67	44
Stone, Clay, & Glass (32)	14,645,095	3,141,132	19,632	160	146	14
Primary Metals (33)	1,574,621	495,026	15,968	31	25	6
Fabricated Metals (34)	59,094,878	13,521,751	23,273	581	461	120
Nonelectrical Machinery (35)	237,346,713	45,720,283	23,314	1,961	1,431	530
Electric & Electronic Eqpt. (36)	240,107,637	79,151,372	25,103	3,153	1,861	1,292
Transportation Equipment (37)	3,128,390	1,216,686	19,010	64	57	7
Measuring Instruments (38)	13,042,583	2,468,997	14,873	166	42	124

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>PORTLAND (25) (continued)</u>						
NONDURABLE GOODS	\$ 741,639,151	\$ 188,773,813	\$ 24,519	7,699	5,222	2,477
Food (20)	305,769,626	40,618,111	20,712	1,961	1,439	522
Apparel (23)	11,585,661	2,968,796	10,344	287	100	187
Printing & Publishing(27)	57,574,214	31,359,359	20,892	1,501	855	646
Chemicals (28)	14,503,569	5,778,553	24,694	234	115	119
Rubber & Plastics (30)	21,558,374	7,467,272	18,392	406	275	131
<u>PRESQUE ISLE (02)</u>						
DURABLE GOODS	250,622,342	45,874,357	15,802	2,903	1,812	1,091
NONDURABLE GOODS	90,348,276	22,910,121	17,759	1,290	878	412
Food (20)	160,274,066	22,964,236	14,236	1,613	934	679
Printing & Publishing(27)	114,538,006	14,023,102	15,062	931	604	327
	2,600,823	1,024,812	13,848	74	41	33
<u>ROCKLAND (17)</u>						
DURABLE GOODS	266,382,872	49,103,168	17,406	2,821	1,671	1,150
Lumber & Wood Products (24)	94,885,314	20,337,716	19,461	1,045	764	281
Fabricated Metals (34)	2,322,296	481,643	9,632	50	33	17
Nonelectrical Machinery (35)	8,516,851	2,071,418	15,458	134	99	35
Transportation Equipment (37)	36,340,193	5,122,335	22,271	230	215	15
	8,615,174	3,569,821	18,592	192	171	21
NONDURABLE GOODS	171,497,558	28,765,452	16,196	1,776	907	869
Food (20)	43,293,387	8,352,478	13,363	625	290	335
Textiles (22)	43,136,694	5,918,199	17,055	347	213	134
Apparel (23)	14,821,759	3,235,035	13,044	248	67	181
Printing & Publishing(27)	13,070,971	3,574,974	16,550	216	80	136
Miscellaneous (39)	2,091,704	422,812	14,093	30	18	12
<u>SKOWHEGAN (21)</u>						
DURABLE GOODS	253,945,483	63,224,208	15,290	4,135	2,298	1,837
NONDURABLE GOODS	110,190,387	23,220,400	14,503	1,601	1,025	576
Apparel (23)	143,755,096	40,003,808	15,786	2,534	1,273	1,261
Leather (31)	12,015,378	3,929,027	13,053	301	64	237
	119,207,385	22,971,403	13,066	1,758	820	938
<u>WALDOBORO (18)</u>						
DURABLE GOODS	50,944,478	15,249,463	18,710	815	463	352
Lumber & Wood Products (24)	43,120,395	12,845,215	20,852	616	374	242
Stone, Clay, & Glass (32)	1,862,885	633,791	12,427	51	37	14
Nonelectrical Machinery (35)	712,058	277,403	10,669	26	8	18
Transportation Equipment (37)	2,946,219	1,119,184	19,634	57	38	19
	8,443,779	3,162,637	19,167	165	150	15

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

	Value of Product	Gross Wages	Average Wage	Number of Workers		
				Total	Male	Female
<u>WALDOBORO (18) (continued)</u>						
NONDURABLE GOODS	\$ 7,824,083	\$ 2,404,248	\$ 12,081	199	89	110
Food (20)	2,156,342	587,106	9,173	64	33	31
Printing & Publishing(27)	3,193,778	918,185	13,704	67	21	46
<u>WATERVILLE (20)</u>						
DURABLE GOODS	668,357,668	125,381,161	24,570	5,103	3,380	1,723
Lumber & Wood Products (24)	73,676,123	19,731,207	24,062	820	746	74
	34,883,426	7,311,374	22,706	322	300	22
NONDURABLE GOODS	594,681,545	105,649,954	24,667	4,283	2,634	1,649
Food (20)	38,410,382	4,782,286	13,901	344	230	114
Paper (26)	473,550,096	75,379,688	31,526	2,391	1,874	517
Printing & Publishing(27)	13,529,871	5,102,166	19,037	268	160	108
NOTE: The totals of these economic areas may not be equal to the total for the state due to the presence of nonclassifiable establishments and nondisclosable economic areas.						

TABLE 10

CENSUS OF MAINE MANUFACTURES BY PLANT SIZE, 1987

ESTABLISHMENTS EMPLOYING:	NUMBER REPORTING	VALUE OF PRODUCT			EMPLOYMENT			UNIONIZED WORKERS	WAGES	
		\$	PERCENT CHANGE		TOTAL	MALE	FEMALE		GROSS	AVERAGE
			1982	1986						
0 - 50	2,076	1,348,536,028	55.1	14.9	17,304	12,396	4,908	994	\$ 282,355,316	\$ 16,317
51 - 100	140	815,942,603	48.9	10.1	10,244	6,667	3,577	938	181,641,491	17,731
101 - 250	129	1,588,068,061	45.8	10.0	20,809	12,871	7,938	3,673	383,248,046	18,417
251 - 500	45	1,219,566,107	-19.7	-27.5	16,349	9,091	7,258	2,781	294,427,627	18,008
501 - 1000	23	1,927,866,312	48.9	7.7	15,592	10,033	5,559	7,237	374,495,048	24,018
1001 and Over	11	2,943,049,005	13.7	17.5	21,485	17,090	4,395	11,849	638,563,988	29,721
Inactive or Out of Business	191	27,024,045	64.8	-73.4	2,573	1,671	902	454	61,017,317	23,714

ESTABLISHMENTS EMPLOYING:	PLANT MODERNIZATION & EQUIPMENT						FOREIGN TRADE	
	TOTAL	NEW STRUCTURES	EXISTING STRUCTURES	EQUIPMENT	PLANNED		IMPORTS	EXPORTS
					1989	1990		
0 - 50	\$ 63,224,810	\$ 15,540,444	\$ 1,941,357	\$ 45,743,009	\$ 56,279,053	\$ 35,582,927	\$ 39,685,564	\$ 56,122,645
51 - 100	24,978,064	4,667,754	275,466	20,034,844	25,658,629	19,584,840	18,105,598	20,468,622
101 - 250	60,833,833	10,452,568	35,000	50,346,265	73,325,072	67,474,151	66,734,792	62,513,346
251 - 500	43,872,079	8,573,164	1,382,042	33,916,873	38,629,910	39,069,615	72,296,587	36,885,056
501 - 1000	214,367,490	13,718,217	0	200,649,265	180,624,397	225,795,050	58,326,291	174,238,322
1001 and Over	192,554,179	10,556,340	0	181,997,839	329,048,181	364,779,500	275,689,751	185,059,626
Inactive or Out of Business	293,725	22,762	0	270,963	117,000	107,000	678,000	2,2963,879

APPENDIX A

Technical Notes and Definitions

AVERAGE GROSS WAGES is the figure obtained by dividing GROSS WAGES by the TOTAL EMPLOYMENT.

CIVIL DIVISIONS are geographical units of government. Major civil divisions are counties; minor civil divisions are cities, towns, plantations, and townships.

ECONOMIC AREAS are defined in Appendix C.

EMPLOYMENT is the number of employees reported in each month, as of the payroll period including the 12th of the month, averaged at the establishment level over the full twelve months.

ESTABLISHMENT is defined as a single physical location where industrial operations are performed; it is, therefore, a place of business rather than a legal entity or company which may have units in many locations. Where appropriate (e.g., logging operations) combined reports have been assigned to no specific civil division, merely to the county in which said principal location is found. A small number of multi-county operations report on a statewide basis.

EXPENDITURES FOR PLANT MODERNIZATION AND EQUIPMENT (or Capital Expenditures) is the actual amount spent during the survey year and planned for the two succeeding years for three categories: New Structures and/or Additions or Alterations to Existing Structures; Purchase of Existing Structures; and Purchase of New or Used Machinery or Equipment. Land costs are excluded.

FOREIGN TRADE - EXPORTS is the sales value of goods manufactured at an establishment that were shipped to foreign countries either directly or via out-of-state agents. IMPORTS is the cost of materials imported from foreign countries for use in the manufacturing process at an establishment.

GROSS WAGES shows total earnings during the calendar year of all employees before deductions, as reported to the Maine Bureau of Employment Security for Unemployment Insurance taxes. Before 1976, executives were excluded and wages were reported directly to the Bureau of Labor Standards. Because various fringe benefits such as payroll taxes, insurance, etc. paid by employers, are excluded, this data does not represent total labor costs on the part of the employer.

SPECIAL STUDIES from Census data are available upon written request to the Director of the Bureau of Labor Standards. The Bureau reserves the right to reject any request or to charge for costs incurred.

STANDARD INDUSTRIAL CLASSIFICATION (SIC) The Standard Industrial Classification system as compiled by the Executive Office of the President, Office of Management and Budget, was used to determine the industry title applicable to each establishment. Descriptions of major industry groups may be found in Appendix B. Each establishment has been classified according to its principal activity.

VALUE OF PRODUCT is the net selling price of all goods manufactured or processed during the calendar year. If industrial operations were on a contractual basis, the total of amounts received for contract work or services performed has been included.

WORKERS UNDER UNION CONTRACT is the number of workers organized under a union contract and/or a collective bargaining agreement. It represents the number from one representative payroll period; the comparative figure for NUMBER OF WORKERS is an average for the year.

APPENDIX A (Continued)

Shown below is a copy of the 1987 Census of Maine Manufactures form first mailed to the 2615 establishments in November, 1988.

STATE OF MAINE
 Department of Labor
 Bureau of Labor Standards
 Mail Station 45
 Augusta, Maine 04333
 Telephone No. 207-289-6446

IMPORTANT: The filing of this report is required of all manufacturers and processors in the State of Maine under Title 26, Secs. 42, 43, 46, RS 1964. Penalties for failure or neglect to file at \$25 to \$100, imprisonment up to 30 days, or both.

[]

RETAIN THIS COPY FOR YOUR FILES

[]

COMPLETE AND RETURN THIS REPORT BY
DECEMBER 7, 1988

Retain Unlabeled Copy for your Files

Please Make Necessary Changes
 To Address Label

**CENSUS OF
 MAINE MANUFACTURES
 1987**

I. ESTABLISHMENTS COVERED IN THIS REPORT
 If this report covers two or more establishments in different locations, please give approximate percent of operation in each location.

(City or Town name & address from mail address)	(County)	(Number of Units)	(Approximate % of Operation)

II. DESCRIPTION, QUANTITY, AND VALUE OF PRODUCTS

A. Description of Principal Products Produced (List Items Separately)	B. Principal Materials Used for Each Product Listed	C. Was Material Used Produced in this Establishment?	D. Quantity Produced (Indicate Unit of Measure)	E. Gross Value of Product (Dollars Cents)
		Yes No		\$
1.				
2.				
3.				
4.				
5.				
6. All Other Products				
7. Receipts for work done by you on material owned by others, etc. (Contract job work)				
8. Receipts for custom work, repairing, and/or installation of your own product. (Sales of Scrap and waste recovery)				
9. Re-sale of products purchased without further manufacture				
TOTAL OF LINES 1 - 9				

III. CAPITAL EXPENDITURES (Exclude land costs)

	Amount Actually Spent in 1987	Amount of Planned Expenditures for	
		1988	1989
A. New Structures and/or Additions or Alterations to Existing Structures			
B. Purchase of Existing Structures			
C. Purchase of New or Used Machinery and Equipment			

IV. EXPORTS — IMPORTS (Foreign Trade)

A. Estimated value of exports \$ _____	B. Estimated value of imports \$ _____
---	---

V. UNION STATUS
 Is this establishment organized under a union contract and/or collective bargaining agreement? ☐ No ☐ Yes

If Yes, please fill in the following information:

Name of Union _____

Number of workers covered by union contract _____

**IF YOU HAD NO TEMPORARY CONTRACT EMPLOYEES, PLEASE CHECK THIS BLOCK
 AND ITEM VI ON THE REVERSE SIDE OF THIS REPORT MAY BE OMITTED.**

PLEASE NOTE: THESE DATA ARE STRICTLY CONFIDENTIAL AND WILL NOT BE DIVULGED IN ANY WAY WHICH WILL REVEAL INDIVIDUAL INFORMATION. DATA ARE USED IN SUMMARY TABULATIONS ONLY.

According to law, the Director of the Bureau of Labor may furnish a written or printed list of interrogatories and require full and complete answers thereto under oath. Pursuant thereto, I, the undersigned, have examined this report and to the best of my knowledge and belief it is a true and correct and complete return.

.....
 (Date)

Name (print or type)

Signature

Official Title

Telephone Number of Firm

BL560 (REV 9/88)

APPENDIX A (Continued)

VI. TEMPORARY CONTRACT WORKERS

A. Contract Cost

Total cost of temporary contract labor purchased during the year, \$ _____

The object of this question is to determine the number of temporary workers contracted through employment agencies used in manufacturing in a manner that is as close as possible to that used to report regular employees. The monthly number of workers should be for the week including the 12th of the month.

B. Number of Temporary Contract Workers

Calendar 1987	NUMBER OF WORKERS (By Sex)		
	MALE	FEMALE	TOTAL
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

FOR OFFICE USE ONLY

12 month total			
12 month average			

INSTRUCTIONS and EXPLANATION NOTES

GENERAL: If this establishment has been sold to others, or has gone out of business, return this form with the name and address of the successor, if any, and the date of such sale or discontinuance. This schedule must be filed to reflect manufacturing operations during the year even though address discontinued business during or after that year. **PARTIAL REPORTS ARE THEREFORE REQUIRED.** New firms organized or beginning operations during the year must also file.

The purpose of this report is to determine the condition of industry in the state for the calendar year under consideration and it is clear that the inclusion in our tabulation of reports for establishments filed under a fiscal year basis, which do not reflect calendar year data can only operate to defeat this purpose. It is necessary therefore that this report be prepared to reflect calendar year operations, subject to this consideration: If in the considered judgment of the responsible authority in the reporting manufacturer's organization, the financial data called for in the schedule do not materially differ, whether on a calendar or fiscal basis, fiscal year figures will be accepted as representative of the calendar year operations. **HOWEVER, THE NUMBER OF CONTRACT WORKERS AND COSTS SHOULD BE REPORTED ON A CALENDAR YEAR BASIS IN EVERY CASE.**

ITEM I: List cities or towns in which the establishments are located. Also indicate the number of establishments or separate production units located at that city or town which are covered or included within this report. If any change has taken place in the name, address or location please make the necessary changes on the address label.

ITEM II: Describe and list separately your products as fully as possible in column (A). In column (B) indicate the basic materials used to make each item, and in column (C) check whether the basic materials were produced in the same establishment. Indicate in column (D) the quantity produced and also the unit of measure (example: cubic feet, cords, thousand board feet, quarts, gallons, pounds). In column (E) state manufacturer's selling value at this establishment of all goods produced during the year whether sold or not. **DO NOT** consider your annual sales as representing your product value unless they are identical. Sub-item 7 is found principally in the textile finishing, apparel, logging, and lumbering industries where certain operations are performed on materials owned by others — total receipts for such work should be reported.

ITEM IV: A. Enter the estimated sales value of goods manufactured at this establishment that were shipped to foreign countries, either directly or via out-of-state agents.

B. Enter the estimated cost of materials imported from foreign countries for use in the manufacturing at this establishment.

(ITEMS NOT SPECIFICALLY COVERED IN THE INSTRUCTIONS ARE CONSIDERED TO BE SELF-EXPLANATORY. IF, HOWEVER, THERE ARE ANY QUESTIONS DO NOT HESITATE TO ASK FOR ASSISTANCE)

PLEASE READ INSTRUCTIONS — If you have further questions, please contact this office.

BUREAU OF LABOR STANDARDS
DIVISION OF RESEARCH AND STATISTICS
STATE HOUSE STATION 45
AUGUSTA, MAINE 04333
TELEPHONE No. 207-289-6446

APPENDIX B

Major Industry Descriptions, 1972 SIC

THE DIVISION AS A WHOLE

The manufacturing division includes establishments engaged in the mechanical or chemical transformation of materials or substances into new products. These establishments are usually described as plants, factories, or mills and characteristically use power driven machines and materials handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Also included is the blending of materials, such as lubricating oils, plastics, resins, or liquors.

The materials processed by manufacturing establishments include products of agriculture, forestry, fishing, mining, and quarrying as well as products of other manufacturing establishments. The new product of a manufacturing establishment may be "finished" in the sense that it may be "semi-finished" to become a raw material for an establishment engaged in further manufacturing. For example, the product of the copper smelter is the raw material used in electrolytic refineries; refined copper is the raw material used by certain electrical equipment manufacturers.

The materials used by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another which is under the same ownership. Manufacturing production is usually carried on for the wholesale market, for interplant transfer, or to order for industrial users, rather than for direct sale to the domestic consumer.

APPENDIX B (Continued)

20 FOOD AND KINDRED PRODUCTS: This major group includes establishments manufacturing or processing food and beverages for human consumption and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

22 TEXTILE MILL PRODUCTS: This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treated fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, nonwoven fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry:

(1) the "integrated" mill which purchases materials, produces textiles, and related articles within the establishment, and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other manufacturing industries; establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are also classified in this Group.

23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS: This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials, such as leather, rubberized fabrics, plastics, and furs.

Included in the apparel industries are three types of establishments: (1) the "regular"

or insider factories, (2) contract factories, and (3) apparel jobbers. The regular factories perform all of the usual manufacturing functions within their own plant; the contract factories manufacturing apparel from materials owned by others; and apparel jobbers perform the entrepreneurial functions of a manufacturing company, such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials and selling of the finished apparel.

Custom tailors and dressmakers not operating on a factory basis are classified in Retail Trade; establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in Wholesale Trade.

24 LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE: This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major Group 25; musical instruments, toys, and playground equipment, and caskets in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.

25 FURNITURE AND FIXTURES: This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork and wood kitchen cabinets are classified in Major Group 24; cut stone and concrete furniture in Major Group 32; laboratory and hospital furniture in Major Group 38; beauty and barber shop furniture in Major Group 39; and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

APPENDIX B (Continued)

26 PAPER AND ALLIED PRODUCTS: This major group includes the manufacture of pulps from wood and other cellulose fibers and from rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products, such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in Major Group 32; carbon paper in Major Group 39; and photosensitized and blueprint paper in Major Group 38.

27 PRINTING, PUBLISHING, AND ALLIED PRODUCTS: This major group includes establishments engaged in printing by one or more of the common processes, such as letter press, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in Service Industries, and textile printing and finishing in Major Group 22.

28 CHEMICALS AND ALLIED PRODUCTS: This major group includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) basic chemicals, such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture, such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries, such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferrous alloys are classified in Major Group 33; silicon carbide in Major Group 32; baking powder, other leavening compounds, and starches in Major Group 20; and artists' colors in Major Group

39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries.

29 PETROLEUM REFINING AND RELATED INDUSTRIES: This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and by-products in Major Group 33.

30 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS: This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta-percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments primarily manufacturing tires, but establishments primarily recapping and retreading automobile tires are classified in Services. This group also includes establishments engaged in molding primary plastics for the trade, and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in Major Group 22; products made of elastic webbing and garments made from the rubberized fabrics in Major Group 23; and synthetic rubber in Major Group 28.

31 LEATHER AND LEATHER PRODUCTS: This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included.

32 STONE, CLAY, GLASS AND CONCRETE PRODUCTS: This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos

APPENDIX B (Continued)

products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining quarrying activities other than those of Minerals, ground or treated, are classified herein with the manufacturing operations.

If separate reports are not available for crushing, grinding, and other preparation activities of Minerals, ground or treated, these establishments are classified in Mining.

33 PRIMARY METAL INDUSTRIES: This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke. Establishments primarily engaged in manufacturing metal forgings or stampings are classified in Major Group 34.

34 FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT: This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, hand tools, cutlery, general hardware, and nonelectric heating apparatus, fabricated structural metal products, metal forgings, metal stampings, ordnance (except vehicles and guided missiles), and a variety of metal and wire products not elsewhere classified. Certain important segments of the metal fabricating industries are classified in other major groups, such as machinery in Major Groups 35 and 36; transportation equipment, including tanks, in Major Group 37; professional scientific and controlling instruments, watches and clocks in Major Group 38; and jewelry and silverware in Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in Major Group 33.

35 MACHINERY, EXCEPT ELECTRICAL: This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37). Machines powered by built-in or detachable motor ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but hand tools are classified in Major Group 34.

36 ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES: This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in Major Group 35. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities are classified in Major Group 38.

37 TRANSPORTATION EQUIPMENT: This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, guided missiles and space vehicles, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and snowmobiles. Establishments primarily engaged in manufacturing mobile homes are classified in Major Group 24.

38 MEASURING, ANALYZING, AND CONTROLLING INSTRUMENTS, PHOTOGRAPHIC, MEDICAL, AND OPTICAL GOODS; WATCHES AND CLOCKS: This major group includes establishments engaged in Manufacturing instruments (including professional and scientific) for measuring, testing, analyzing, and controlling, and their associated sensors and accessories; optical instruments and lenses; surveying and

APPENDIX B (Continued)

drafting instruments; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

39 MISCELLANEOUS MANUFACTURING INDUSTRIES:

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials, buttons, costume novelties, miscellaneous notions; brooms and brushes; caskets; and other miscellaneous manufacturing industries.

APPENDIX C

Geographic Definitions of Economic Areas

This publication has contained a tabulation entitled "Economic Areas" since 1954. This series now consists of thirty areas which were delineated on the basis of population and manufacturing employment cross-sectional evaluation. Care should be exercised in making comparison of these thirty areas with the earlier areas as there have been changes made in almost all of the regions as well as three new areas added.

The civil division with the largest population is in capital letters, and the civil division with the most workers employed in manufacturing is underlined. The minor civil division contained in the areas are as follows:

Area <u>No.</u>	1987 <u>Population</u>	<u>Town</u>
1	16,981	Cyr, Eagle Lake, Ft. Kent, Frenchville, Grand Isle, Hamlin, <u>MADAWASKA</u> , New Canada, St. Agatha, St. John, T17R03, T17R04, T17R05, Van Buren, Wallagrass
2	48,633	Ashland, Blaine, Caribou, Castle Hill, Caswell, Chapman, Connor, E Plt., <u>Easton</u> , Ft. Fairfield, Limestone, Mapleton, Mars Hill, Masardis, New Sweden, Perham, PRESQUE ISLE, Stockholm, Wade, Washburn, Westfield, Westmanland, Woodland
3	13,742	Amity, Bridgewater, Cary, Cox Patent, Dyer Brook, Hammond, Hodgdon, <u>HOULTON</u> , Island Falls, Linneus, Littleton, Ludlow, Merrill, Monticello, New Limerick, Oakfield, Smyrna, TAR02, T04R03
4	11,211	East Millinocket, Medway, <u>MILLINOCKET</u> , TAR07
5	8,625	Alexander, <u>Baileyville</u> , Baring, CALAIS, Charlotte, Meddybemps, Princeton, Robbinston
6	5,732	Dennysville, <u>Eastport</u> , Edmunds, LUBEC, Pembroke, Perry, Trescott
7	6,809	Cutler, E. Machias, <u>MACHIAS</u> , Machiasport, Marshfield, Roque Bluffs, Whiting, Whitneyville
8	8,814	Addison, Beals, <u>Cherryfield</u> , Columbia, Columbia Falls, Harrington, Jonesboro, JONESPORT, Milbridge, Steuben
9	18,096	BAR HARBOR, Cranberry Isles, Franklin, Gouldsboro, Hancock, Lamoine, Mt. Desert, Sorrento, <u>Southwest Harbor</u> , Sullivan, Tremont, Trenton, T07SD, T08SD, Winter Harbor
10	8,969	BLUE HILL, <u>Brooklin</u> , Brooksville, Castine, Deer Isle, Isle Au Haut, Long Isle, Sedgwick, Stonington, Swans Island
11	15,061	<u>Bucksport</u> , ELLSWORTH, Orland, Penobscot, Surry, Verona

APPENDIX C (Continued)

12	98,403	Alton, Argyle, <u>BANGOR</u> , Bradford, Bradley, Brewer, Carmel, Charleston, Clifton, Corinth, Dedham, Eddington, Edinburg, Glenburn, Greenbush, Greenfield, Hampden, Hermon, Holden, Hudson, Kenduskeag, Lagrange, Levant, Milford, Newburg, <u>Old Town</u> , Orono, Orrington, Veazie
13	10,837	Burlington, Enfield, Grand Falls, Howland, Lee, <u>LINCOLN</u> , Lowell, Passadumkeag, Springfield, Summit, T03R01, Winn
14	16,984	Abbot, Barnard, Blanchard, Bowerbank, Brownville, <u>DOVER-FOXCROFT</u> , Eliotsville, Greenville, <u>Guilford</u> , Milo, Monson, Parkman, Sangerville, Sebec, Shirley, Williamsburg, Willimantic
15	21,325	Burnham, Cambridge, Corinna, Detroit, <u>DEXTER</u> , Dixmont, Etna, Exeter, Garland, Newport, Palmyra, Plymouth, Ripley, St. Albans, Stetson, Troy
16	22,632	<u>BELFAST</u> , Belmont, Brooks, Frankfort, Isleboro, Jackson, Knox, Liberty, Lincolnville, Monroe, Montville, Morrill, Northport, Prospect, Stockton Springs, Swanville, Thorndike, Waldo, Winterport
17	35,091	Appleton, Camden, Cushing, Friendship, Hope, Matinicus Isle, North Haven, Owls Head, <u>ROCKLAND</u> , Rockport, St. George, S. Thomaston, Thomaston, Union, Vinalhaven, Warren, Washington
18	23,612	Alna, Boothbay, Boothbay Harbor, Bremen, Bristol, Damariscotta, Edgecomb, Monhegan, Newcastle, Nobleboro, S. Bristol, Southport, <u>WALDOBORO</u> , Westport, Wiscasset
19	69,092	<u>AUGUSTA</u> , Chelsea, Farmingdale, Fayette, Gardiner, Hallowell, Hibberts Gore, Jefferson, Litchfield, Manchester, Monmouth, Pittston, Randolph, Readfield, Richmond, Somerville, Wayne, W. Gardiner, Whitefield, Windsor, Winthrop
20	61,615	Albion, Belgrade, Benton, China, Clinton, <u>Fairfield</u> , Freedom, Mt. Vernon, Oakland, Palermo, Rome, Smithfield, Sidney, Unity, Unity Twp., Vassalboro, Vienna, <u>WATERVILLE</u> , Winslow
21	31,089	Anson, Athens, Bingham, Canaan, Cornville, Embden, Harmony, Hartland, Madison, Mercer, Norridgewock, Pittsfield, <u>SKOWHEGAN</u> , Solon, Starks
22	29,818	Avon, Carthage, Chesterville, <u>FARMINGTON</u> , Freeman, Industry, <u>Jay</u> , Kingfield, Livermore Falls, New Portland, New Sharon, New Vineyard, Perkins, Phillips, Salem, Strong, Temple, Washington Twp., Weld, Wilton
23	102,116	Auburn, Bowdoin, Durham, Greene, Leeds, <u>LEWISTON</u> , Lisbon, Mechanic Falls, Minot, New Gloucester, Poland, Sabattus, Turner, Wales
24	57,815	Arrowsic, <u>Bath</u> , Bowdoinham, <u>BRUNSWICK</u> , Dresden, Freeport, Georgetown, Harpswell, Perkins, Phippsburg, Topsham, W. Bath, Woolwich

APPENDIX C (Continued)

25	184,218	Cape Elizabeth, Cumberland, Falmouth, Gorham, Gray, N. Yarmouth, PORTLAND, Raymond, Scarborough, S. Portland, Standish, <u>Westbrook</u> , Windham, Yarmouth
26	21,234	Andover, Andover North Surplus, Andover West Surplus, Batchelders Grant, Bethel, Byron, Canton, Dixfield, Gilead, Hanover, Hartford, Mexico, Milton, Newry, Peru, Roxbury, <u>RUMFORD</u> , Sumner
27	23,108	Albany, Buckfield, Greenwood, Hebron, Lovell, NORWAY, Otisfield, <u>Oxford</u> , Paris, Stoneham, Stow, Sweden, Waterford, W. Paris, Woodstock
28	23,759	Baldwin, <u>BRIDGTON</u> , Brownfield, Casco, Cornish, Denmark, Fryeburg, Harrison, Hiram, Naples, Parsonsfield, Porter, Sebago
29	105,447	Acton, Alfred, Arundel, Biddeford, Buxton, Dayton, Hollis, Kennebunk, Kennebunkport, Limerick, Limington, Lyman, Newfield, Old Orchard Beach, Saco, <u>SANFORD</u> , Shapleigh, Waterboro
30	51,812	Berwick, Eliot, Kittery, Lebanon, <u>N. Berwick</u> , Ogunquit, S. Berwick, Wells, YORK

NOTE: Since the 1987 population census data is unavailable for some unorganized townships, the area population in some instances may be slightly understated. Population data is from Population Estimates for Minor Civil Divisions by County, Maine 1987; Maine Department of Human Services, Office of Data, Research, and Vital Statistics.

APPENDIX D

Census of Maine Manufactures by Major Industry Group, 1982-1986

<u>Industry</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (Thousands)</u>	<u>Gross Wages (Thousands)</u>	<u>Average Wages</u>	<u>Total Employment</u>
TOTAL	1982	2,290	\$ 7,926,070	\$ 1,769,482	\$ 16,334	108,330
	1983	2,444	8,347,448	1,877,768	17,162	109,408
	1984	2,495	9,419,809	2,017,402	18,294	110,273
	1985	2,496	8,957,820	2,021,738	19,105	105,819
	1986	2,557	9,446,929	2,111,531	20,384	103,586
DURABLE GOODS - TOTAL	1982	1,470	2,427,052	679,718	17,095	39,761
	1983	1,577	2,721,349	726,498	17,719	40,999
	1984	1,634	3,318,257	821,662	18,910	43,449
	1985	1,606	3,136,511	835,852	19,538	42,780
	1986	1,657	3,431,601	900,083	20,486	43,936
Lumber & Wood Products	1982	922	642,611	170,472	13,957	12,214
	1983	979	774,871	193,503	14,580	13,271
	1984	1,036	897,218	219,588	15,451	14,211
	1985	1,003	880,053	216,383	16,006	13,518
	1986	1,045	950,225	219,403	16,273	13,482
Furniture & Fixtures	1982	35	38,337	12,848	15,114	850
	1983	36	38,748	13,637	15,169	899
	1984	47	44,571	15,089	15,916	948
	1985	46	55,209	17,067	16,085	1,061
	1986	49	53,892	19,115	17,113	1,117
Stone, Clay, & Glass	1982	81	63,460	17,020	17,456	975
	1983	89	71,494	17,881	16,679	1,072
	1984	85	92,216	21,377	17,507	1,221
	1985	86	111,951	24,889	19,278	1,291
	1986	91	143,652	31,414	20,266	1,550
Primary Metals	1982	12	17,866	5,487	17,254	318
	1983	14	21,717	7,026	18,636	377
	1984	13	26,672	10,264	18,628	551
	1985	12	38,681	14,533	19,351	751
	1986	11	40,431	15,044	21,645	695
Fabricated Metals	1982	117	218,724	67,155	17,980	3,735
	1983	127	185,302	56,778	18,001	3,154
	1984	115	197,698	64,153	19,745	3,249
	1985	118	192,811	63,438	19,974	3,176
	1986	112	188,889	60,209	20,402	2,951

APPENDIX D (Continued)

<u>Industry</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (Thousands)</u>	<u>Gross Wages (Thousands)</u>	<u>Average Wages</u>	<u>Total Employment</u>
Nonelectrical Machinery	1982	130	\$ 252,908	\$ 68,597	\$ 18,229	3,763
	1983	149	241,018	69,900	19,036	3,672
	1984	144	363,078	83,248	20,504	4,060
	1985	155	324,151	93,018	21,044	4,420
	1986	159	337,166	92,149	22,928	4,019
Electric & Electronic Equipment	1982	48	465,381	118,702	15,933	7,450
	1983	52	648,226	136,138	16,932	8,040
	1984	55	907,030	167,575	18,629	8,995
	1985	54	755,599	180,281	19,008	9,484
	1986	55	768,903	193,133	20,084	9,616
Transportation Equipment	1982	106	697,593	209,991	21,599	9,722
	1983	112	709,993	223,405	22,570	9,898
	1984	121	754,401	231,867	24,203	9,580
	1985	112	748,612	218,480	25,586	8,539
	1986	113	914,881	261,265	26,297	9,935
Precision Instruments & Related Products	1982	19	30,171	9,445	12,868	734
	1983	19	29,980	8,230	13,360	616
	1984	18	35,373	8,498	13,404	634
	1985	20	29,444	7,764	14,377	540
	1986	22	33,561	8,351	14,624	571
NONDURABLE GOODS-TOTAL	1982	820	5,499,019	1,089,764	15,892	68,569
	1983	867	5,626,099	1,151,271	16,829	68,409
	1984	861	6,101,553	1,195,741	17,893	66,824
	1985	890	5,821,309	1,185,887	18,811	63,039
	1986	900	6,015,328	1,211,448	20,309	59,650
Food & Kindred Products	1982	208	719,224	116,329	13,196	8,815
	1983	204	640,586	115,726	13,983	8,276
	1984	198	695,905	112,990	14,327	7,886
	1985	200	749,004	117,633	14,401	8,168
	1986	194	761,596	121,121	15,055	8,045
Textile Mill Products	1982	60	321,683	84,348	12,553	6,719
	1983	70	359,936	95,257	14,024	6,792
	1984	67	440,886	108,534	15,011	7,230
	1985	70	378,024	106,126	15,766	6,731
	1986	68	440,310	111,313	16,786	6,631
Apparel	1982	55	204,344	51,142	10,934	4,677
	1983	58	221,371	55,206	11,446	4,823
	1984	60	255,007	56,066	11,704	4,790
	1985	57	192,085	50,894	11,849	4,295
	1986	63	181,324	51,953	12,034	4,317

APPENDIX D (Continued)

<u>Industry</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (Thousands)</u>	<u>Gross Wages (Thousands)</u>	<u>Average Wages</u>	<u>Total Employment</u>
Paper & Allied Products	1982	47	\$ 2,714,219	\$ 455,176	\$ 25,348	17,957
	1983	47	2,737,609	480,363	26,729	17,971
	1984	44	3,136,599	522,106	28,489	18,326
	1985	42	2,982,634	538,289	29,680	18,136
	1986	44	3,086,695	571,628	32,679	17,492
Printing & Publishing	1982	219	162,243	56,350	14,613	3,856
	1983	247	181,951	63,196	14,876	4,248
	1984	251	206,111	71,567	15,622	4,581
	1985	274	230,587	80,039	16,198	4,941
	1986	290	264,459	88,930	17,732	5,015
Chemicals & Allied Products	1982	33	110,009	16,913	18,504	914
	1983	35	105,563	18,652	19,926	936
	1984	36	112,106	19,922	21,306	935
	1985	35	112,575	19,659	21,579	911
	1986	34	118,166	19,914	22,450	887
Petroleum & Coal Products	1982	9	20,640	3,299	20,488	161
	1983	12	29,810	4,451	20,510	217
	1984	11	33,106	5,108	21,374	239
	1985	10	36,064	4,995	21,909	228
	1986	10	34,885	5,069	23,357	217
Rubber & Plastics	1982	44	275,403	59,199	13,767	4,300
	1983	43	324,362	58,439	14,995	3,897
	1984	44	351,445	63,389	15,667	4,046
	1985	51	328,589	66,591	16,811	3,961
	1986	44	317,174	64,363	17,913	3,593
Leather & Leather Products	1982	99	952,602	239,224	11,683	20,475
	1983	98	1,001,596	251,137	12,267	20,472
	1984	95	840,549	225,635	12,608	17,895
	1985	88	775,402	190,058	12,961	14,663
	1986	83	771,487	165,455	13,228	12,507
Miscellaneous	1982	46	18,652	7,783	11,198	695
	1983	52	23,315	8,839	11,375	777
	1984	55	29,839	10,423	11,632	896
	1985	63	36,345	11,604	11,546	1,005
	1986	70	39,233	11,702	12,369	946

APPENDIX E

Census of Maine Manufactures by County, 1982-1986

<u>County</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (Thousands)</u>	<u>Gross Wages (Thousands)</u>	<u>Average Wages</u>	<u>Total Employment</u>
<u>I-95 CORRIDOR</u>	1982	1,143	\$ 4,875,991	\$ 1,197,270	\$ 16,539	72,390
	1983	1,198	5,151,067	1,269,376	17,355	73,138
	1984	1,208	5,850,766	1,374,109	18,554	74,056
	1985	1,233	5,502,813	1,372,613	19,461	70,528
	1986	1,245	5,786,333	1,448,251	20,959	69,099
Androscoggin	1982	211	593,182	151,156	12,852	11,761
	1983	206	661,656	163,949	13,641	12,018
	1984	205	706,843	175,983	14,609	12,046
	1985	206	696,949	175,495	15,760	11,135
	1986	204	702,614	174,913	16,621	10,523
Cumberland	1982	344	1,217,978	291,184	17,314	16,817
	1983	373	1,279,993	302,286	18,044	16,752
	1984	371	1,617,520	335,233	19,103	17,548
	1985	392	1,451,000	358,310	20,041	17,878
	1986	402	1,492,654	385,111	21,744	17,711
Kennebec	1982	121	515,056	136,350	16,642	8,193
	1983	134	531,608	142,696	17,843	7,997
	1984	135	605,587	157,183	18,616	8,443
	1985	132	582,829	153,989	19,318	7,971
	1986	136	620,873	159,194	20,488	7,770
Penobscot	1982	207	1,092,690	236,482	17,333	13,643
	1983	218	1,151,247	254,277	18,301	13,894
	1984	227	1,291,040	280,083	19,657	14,248
	1985	239	1,239,622	278,649	20,491	13,598
	1986	236	1,208,311	281,979	22,112	12,752
Sagadahoc	1982	39	511,943	177,956	21,109	8,430
	1983	42	513,597	190,163	22,135	8,591
	1984	41	492,957	185,707	23,817	7,797
	1985	43	436,458	161,829	25,719	6,292
	1986	42	584,708	197,880	26,244	7,540
York	1982	221	945,142	204,144	15,070	13,546
	1983	225	1,012,966	216,006	15,555	13,886
	1984	229	1,136,819	239,920	17,169	13,974
	1985	221	1,095,955	244,339	17,895	13,654
	1986	225	1,177,174	249,173	19,462	12,083

APPENDIX E (Continued)

<u>County</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (Thousands)</u>	<u>Gross Wages (Thousands)</u>	<u>Average Wages</u>	<u>Total Employment</u>
<u>EASTERN</u>	1982	197	\$ 549,510	\$ 87,299	\$ 18,328	4,763
	1983	216	549,115	91,612	18,881	4,852
	1984	228	649,779	98,816	20,104	4,915
	1985	227	611,564	104,115	20,299	5,129
	1986	232	648,017	106,454	21,863	4,869
Hancock	1982	108	342,703	48,446	20,185	2,400
	1983	127	329,833	49,711	20,348	2,443
	1984	134	389,854	56,383	21,862	2,579
	1985	131	360,302	61,613	21,778	2,829
	1986	139	390,316	63,568	23,605	2,693
Washington	1982	89	206,807	38,852	16,441	2,363
	1983	89	219,282	41,901	17,393	2,409
	1984	94	259,925	42,433	18,164	2,336
	1985	96	251,262	42,503	18,479	2,300
	1986	93	257,700	42,885	19,708	2,176
<u>MIDCOAST</u>	1982	242	324,441	70,227	12,951	5,426
	1983	268	342,956	71,713	13,409	5,348
	1984	275	378,073	78,053	14,091	5,539
	1985	279	386,465	78,792	14,642	5,381
	1986	296	418,108	81,182	15,205	5,339
Knox	1982	101	164,768	37,894	13,794	2,747
	1983	117	176,647	37,621	14,331	2,625
	1984	119	195,517	41,472	14,982	2,768
	1985	125	212,712	40,912	15,225	2,687
	1986	125	236,805	43,473	15,774	2,756
Lincoln	1982	72	39,468	11,383	14,763	771
	1983	80	44,211	11,329	14,925	759
	1984	80	55,238	13,762	15,497	888
	1985	85	54,359	15,789	16,327	967
	1986	95	49,545	14,437	17,911	806
Waldo	1982	69	120,206	21,001	11,006	1,908
	1983	71	122,098	22,764	11,590	1,964
	1984	76	127,318	22,819	12,118	1,883
	1985	69	119,395	22,091	12,791	1,727
	1986	76	131,758	23,272	13,096	1,777

APPENDIX E (Continued)

<u>County</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (Thousands)</u>	<u>Gross Wages (Thousands)</u>	<u>Average Wages</u>	<u>Total Employment</u>
<u>NORTHERN</u>	1982	204	\$ 572,405	\$ 94,375	\$ 15,832	5,961
	1983	222	614,728	102,949	16,596	6,203
	1984	229	712,632	113,418	17,934	6,324
	1985	223	708,419	118,569	17,973	6,597
	1986	231	726,618	123,956	18,393	6,739
Aroostook	1982	204	572,405	94,375	15,832	5,961
	1983	222	614,728	102,949	16,596	6,203
	1984	229	712,632	113,418	17,934	6,324
	1985	223	708,419	118,569	17,973	6,597
	1986	231	726,618	123,956	18,393	6,739
<u>WESTERN</u>	1982	503	1,603,323	320,027	16,181	19,777
	1983	530	1,688,904	341,288	17,208	19,832
	1984	551	1,827,059	352,504	18,156	19,415
	1985	532	1,746,565	347,032	19,111	18,158
	1986	551	1,865,493	350,985	20,060	17,496
Franklin	1982	94	534,613	99,381	17,069	5,822
	1983	107	513,747	102,340	19,353	5,288
	1984	102	507,726	100,136	20,779	4,819
	1985	100	483,174	94,991	21,877	4,342
	1986	108	533,863	92,113	21,963	4,194
Oxford	1982	180	457,933	104,134	16,741	6,220
	1983	188	482,394	108,570	17,607	6,166
	1984	197	515,026	111,859	18,599	6,014
	1985	193	491,419	110,298	20,025	5,508
	1986	196	490,180	106,990	21,161	5,056
Piscataquis	1982	98	161,168	35,226	12,945	2,721
	1983	94	159,135	36,833	13,662	2,696
	1984	98	183,368	37,741	14,339	2,632
	1985	89	132,252	38,021	14,657	2,594
	1986	89	159,515	39,714	15,968	2,487
Somerset	1982	131	449,610	81,285	16,211	5,014
	1983	141	533,627	93,545	16,463	5,682
	1984	154	620,939	102,768	17,271	5,950
	1985	150	639,720	103,721	18,152	5,714
	1986	158	681,935	112,168	19,476	5,759

APPENDIX F

Raw and Adjusted Data Comparisons, 1986-1987

The data on the following table has been adjusted using two major price indexes published by the U.S. Department of Labor, Bureau of Labor Statistics. The Value of Product data is adjusted by the Producer Price Index, (formerly the Wholesale Price Index) using a base year of 1982 = 100 unless noted. Wage data is adjusted by the Consumer Price Index for Urban Wage Earners and Clerical Workers and the base year is 1982/84 = 100. The adjustments made are based on the annual average the respective index.

The Consumer Price Index is a monthly statistical measure of the average change in prices in a fixed market basket of goods and services.

The CPI is based on prices of food, clothing, shelter, fuel, drugs, transportation fares, doctors' and dentists' fees, and other goods and services that people buy for day-to-day living. The quantity and quality of these items is kept essentially unchanged between major revisions so that only price changes will be measured. Prices are collected from over 18,000 tenants, 24,000 retail establishments, and 18,000 housing units for property taxes in 85 urban areas across the country. All taxes directly associated with the purchase and use of items are included in the index.

Though the CPI is often called the "Cost-of-Living Index", it measures only price change, which is just one of several important factors affecting living costs.

CPI-W

1986 Annual Average = 108.6

1987 Annual Average = 112.5

Producer Price Indexes measure average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The sample used for calculating these indexes contains about 2,800 commodities produced in the manufacturing, agriculture, forestry, fishing, mining, gas and electricity, and public utilities sectors. The universe includes all commodities produced or imported for sale in commercial transactions in primary markets in the United States.

To the extent possible, prices used in calculating Producer Price Indexes apply to the first significant commercial transaction in the United States, from the production or central marketing point. Price data are generally collected monthly, primarily by mail questionnaire. Most prices are obtained directly from producing companies on a voluntary and confidential basis. Prices generally are reported for the Tuesday of the week containing the 13th day of the month.

PPI

	<u>Annual Average</u>	
	<u>1986</u>	<u>1987</u>
Total Manufactures	101.7	104.4
Durable Goods	107.5	109.6
Lumber & Wood Products	101.5	105.3
Transportation Equipment	104.4	105.9
Electric & Electronic Equipment	102.1	103.3
Nondurable Goods	96.0	99.2
Food & Kindred Products	100.3	102.8
Pulp, Paper, & Allied Products	99.5	104.8

MAINE MANUFACTURING WITH SELECTED MAJOR INDUSTRIES, RAW & ADJUSTED (1982=100) DATA, 1986-1987

INDUSTRY	YEAR	VALUE OF PRODUCT		GROSS WAGES		AVERAGE GROSS WAGE	
		RAW (Millions)	PPI ADJUSTED (Millions)	RAW (Millions)	CPI ADJUSTED (Millions)	RAW	CPI ADJUSTED
TOTAL MANUFACTURING	1987	\$9,870.1	\$9,454.1	\$2,215.7	\$1,969.5	\$21,232	\$18,873
	1986	\$9,446.9	\$9,289.0	\$2,111.5	\$1,944.3	\$20,384	\$18,770
	Percent Change	4.5 %	1.8 %	4.9 %	1.3 %	4.2 %	0.5 %
<u>Durable Goods</u>	1987	\$3,749.1	\$3,420.7	\$985.3	\$875.8	\$21,223	\$18,865
	1986	\$3,431.6	\$3,192.2	\$900.1	\$828.8	\$20,486	\$18,864
	Percent Change	9.3 %	7.2 %	9.5 %	5.7 %	3.2 %	0.0 %
Lumber & Wood Products	1987	\$1,027.2	\$975.5	\$241.0	\$214.2	\$17,486	\$15,543
	1986	\$950.2	\$936.2	\$219.4	\$202.0	\$16,273	\$14,984
	Percent Change	8.1 %	4.2 %	9.9 %	6.0 %	7.5 %	3.7 %
Transportation Equipment	1987	\$1,005.3	\$949.3	\$283.2	\$251.7	\$25,792	\$22,926
	1986	\$914.9	\$876.3	\$261.3	\$240.6	\$26,297	\$24,215
	Percent Change	9.9 %	8.3 %	8.4 %	4.6 %	-1.9 %	-5.3 %
Electric & Electronic Equipment	1987	\$774.9	\$750.1	\$213.1	\$189.4	\$20,920	\$18,596
	1986	\$768.9	\$753.1	\$193.1	\$177.8	\$20,084	\$18,494
	Percent Change	0.8 %	-0.4	10.3 %	6.5 %	4.2 %	0.6 %
<u>Nondurable Goods</u>	1987	\$6,121.0	\$6,170.4	\$1,230.5	\$1,093.8	\$21,239	\$18,879
	1986	\$6,015.0	\$6,265.6	\$1,211.4	\$1,115.5	\$20,309	\$18,701
	Percent Change	1.8 %	-1.5 %	1.6 %	-1.9 %	4.6 %	1.0 %
Food	1987	\$881.5	\$857.5	\$126.0	\$112.0	\$16,010	\$14,231
	1986	\$761.6	\$759.3	\$121.1	\$111.5	\$15,055	\$13,863
	Percent Change	15.7 %	12.9 %	4.0 %	4.5 %	6.3 %	2.7 %
Paper	1987	\$3,093.1	\$2,951.4	\$573.1	\$509.4	\$33,845	\$30,084
	1986	\$3,086.7	\$3,102.2	\$571.6	\$526.3	\$32,679	\$30,091
	Percent Change	0.2 %	-4.9 %	0.3 %	3.2 %	3.6 %	0.0 %

APPENDIX G

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Augusta, ME 04333

PUBLICATIONS (some years may be out of print)

- ___ Occupational Injuries and Illnesses in Maine (publication began with 1975)
- ___ Characteristics of Work-Related Injuries and Illnesses in Maine (began 1977)
- ___ Census of Maine Manufactures (began 1945)
- ___ Directory of Maine Labor Organizations (available for current year only)
- ___ Maine Construction Wage Rates (began 1983)
- ___ Labor Relations in Maine (began 1983)

OSHA RECORDKEEPING MATERIALS

- ___ Log & Summary of Occupational Injuries & Illnesses, OSHA No. 200
- ___ Poster: Safety and Health Protection on the Job
- ___ Recordkeeping Requirements Guidelines

CONSULTATION PROGRAM

- ___ Pamphlet: Maine's On-Site Safety & Health Consultation Program
- ___ Please contact me concerning an on-site safety & health consultation
- ___ My phone number is _____
- ___ Pamphlet: Occupational Safety and Training Program

MAILING LABEL: _____

